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Current Population Survey 2024 Annual Social and Economic (ASEC) Supplement

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ABSTRACT

Current Population Survey, 2024 Annual Social and Economic (ASEC) Supplement conducted by the U.S. Census Bureau for the Bureau of Labor Statistics. – Washington: U.S. Census Bureau [producer and distributor], 2024.

TYPE OF FILE

Microdata; unit of observation is individuals, families, and households.

UNIVERSE DESCRIPTION

The universe is the civilian noninstitutional population of the United States living in housing units and members of the Armed Forces living off post or living with their families on post, as long as at least one civilian adult lives in the same household. A probability sample is used in selecting housing units.

SUBJECT-MATTER DESCRIPTION

This Annual Social and Economic (ASEC) Supplement provides the usual monthly labor force data, but in addition, provides supplemental data on work experience, income, noncash benefits, and migration. Comprehensive work experience information is given on the employment status, occupation, and industry of persons 15 years old and over. Additional data for persons 15 years old and older are available concerning weeks worked and hours per week worked, reason not working full time, total income and income components. Data on employment and income refer to the preceding year, although demographic data refer to the time of the survey.

This file also contains data covering nine noncash income sources: food stamps, school lunch program, employer-provided group health insurance plan, employer-provided pension plan, personal health insurance, Medicaid, Medicare, or military health care, and energy assistance. Characteristics such as age, sex, race, household relationship, and Hispanic origin are shown for each person in the household enumerated.

GEOGRAPHIC COVERAGE

States, regions and divisions are identified in their entirety. Within confidentiality restrictions; indicators are provided for 260 selected core-based statistical areas (CBSA), 42 selected combined

statistical areas (CSA), 277 counties, and 97 principal cities in multi-principal city core-based statistical areas or combined statistical areas. Also within confidentiality restrictions, indicators are provided for metropolitan/nonmetropolitan, central city/balance metropolitan, and CBSA size.

TECHNICAL DESCRIPTION

File Structure: Hierarchical, Rectangular, Column-delimited

File Size:

Record Type	Record Number
Household (SAS/CSV)	89,473
Family (SAS/CSV)	65,237
Person (SAS/CSV)	144,265
ASCII (DAT)	298,975

REFERENCE MATERIAL

Current Population Survey, 2024 ASEC Technical Documentation. The documentation includes this abstract, pertinent information about the file, a glossary, code lists, and a data dictionary.

For information about the Current Population Survey and other Census Bureau data products, be sure to visit our online Question & Answer Center on the Census Bureau's home page at <http://www.census.gov/> where you can search our knowledge base and submit questions.

RELATED REPORTS

Data from the ASEC Current Population Survey's file are published most frequently in the Current Population Reports P-20 and P-60 series. In addition, the following associated reports and tables have also been cleared for release: Income, Poverty, Health Insurance, Supplemental Poverty Measure, and Migration.

These reports can be accessed at <https://www.census.gov/library/publications.html>.

FILE AVAILABILITY

The files are available on the internet. The files may be accessed by going to the Data section of the main CPS website, located here -

<https://www.census.gov/programs-surveys/cps/data.html>.

Additionally, custom tabulations and extracts of CPS microdata are available at

<https://data.census.gov/mdat/#/>.

For more information contact dsd.cps@census.gov.

CONFIDENTIALITY

The Census Bureau has reviewed this data product to ensure appropriate access, use, and disclosure avoidance protection of the confidential source data used to produce this product (Data Management System (DMS) number: **P-7534374**, Disclosure Review Board (DRB) approval number: **CBDRBFY24-0392**.)

The DRB supports the Data Stewardship Executive Policy Committee (DSEP) in its efforts to protect Title 13 respondent confidentiality by proposing protection policies and methodologies and reviewing external products such as microdata and tabulation releases for potential disclosure. The DRB coordinates activities that inform decisions made to protect confidentiality through data collection, linking, and dissemination.

OVERVIEW

Current Population Survey

Introduction

The Current Population Survey (CPS) is the source of the official Government statistics on employment and unemployment. The CPS has been conducted monthly for over 50 years. Currently, we interview about 54,000 households monthly, scientifically selected on the basis of area of residence to represent the nation as a whole, individual states, and other specified areas. Each household is interviewed once a month for four consecutive months one year, and again for the corresponding time period a year later. This technique enables us to obtain month-to-month and year-to-year comparisons at a reasonable cost while minimizing the inconvenience to any one household.

Although the main purpose of the survey is to collect information on the employment situation, a very important secondary purpose is to collect information on the demographic status of the population, information such as age, sex, race, marital status, educational attainment, and family structure. From time to time additional questions are included on such important subjects as health, education, income, and previous work experience. The statistics resulting from these questions serve to update similar information collected once every 10 years through the decennial census, and are used by government policymakers and legislators as important indicators of our nation's economic situation and for planning and evaluating many government programs.

The CPS provides current estimates of the economic status and activities of the population of the United States. Because it is not possible to develop one or two overall figures (such as the number of unemployed) that would adequately describe the labor market, the CPS is designed to provide a large amount of detailed and supplementary data. Such data are made available to meet a wide variety of needs on the part of users of labor market information.

Thus, the CPS is the only source of monthly estimates of total employment (both farm and nonfarm); nonfarm self-employed persons, domestics, and unpaid workers in nonfarm family enterprises; wage and salary employees; and, finally, estimates of total unemployment.

It provides the only available distribution of workers by the number of hours worked (as distinguished from aggregate or average hours for an industry), permitting separate analyses of part-time workers, workers on overtime, etc. The survey is also the only comprehensive current source of information on the occupation of workers and the industries in which they work. Information is available from the survey not only for persons currently in the labor force but also for those who are outside the labor force. The characteristics of such persons, whether married women with or without young children, disabled persons, students, older retired workers, etc., can be determined. Information on their current desire for work, their past work experience, and their intentions for job seeking are also available.

The Annual Social and Economic (ASEC) Supplement contains the basic monthly demographic and labor force data described above, plus additional data on work experience, income, noncash benefits, health insurance coverage, and migration.

CPS Sample

The CPS sample is based on the civilian noninstitutional population of the United States. The sample is located in approximately 826 sample areas comprising 1,328 counties and independent cities with coverage in every State and in the District of Columbia.

In all, some 70,000 housing units or other living quarters are assigned for interview each month; about 50,000 of them containing approximately 100,000 persons 15 years old and over are interviewed. Also included are

demographic data for approximately 22,000 children 0-14 years old and 400 Armed Forces members living with civilians either on or off base within these households. The remainder of the assigned housing units are found to be vacant, converted to nonresidential use, contain persons with residence elsewhere, or are not interviewed because the residents are not found at home after repeated calls, are temporarily absent, or are unavailable for other reasons. Approximately 20,000 noninterview households are present each month. The resulting file size is approximately 142,000 records.

Whether living on or off post, male and female members of the armed forces are included in the ASEC as long as at least one civilian adult lives in the same household. The armed forces members, however, are not asked the monthly labor force questions. In addition, the ASEC is supplemented with a sample of Hispanic households identified the previous November. This results in the addition of about 6,000 households (4,500 interviewed). The inclusion of the additional sample of Hispanic households began in 1976.

In 2002, the ASEC incorporated a significant sample expansion. The sample was expanded primarily to improve state estimates of children's health insurance coverage. This sample expansion, known as the CHIP sample, has three components: 1) Asking the ASEC Supplement questions of one-quarter of the February and April CPS samples, that is, of the households not also included in the March sample; 2) Interviewing selected sample households from the preceding August through November CPS sample during the February-April period using the ASEC Supplement; and 3) Increasing the monthly CPS sample in states with high sampling errors for uninsured children. This sample increase results in the addition of about 19,000 households to the ASEC. Adding together the regular sample (70,000), plus the Hispanic sample (6,000), plus the CHIP sample (19,000), we arrive at the total sample size for the ASEC of about 95,000 households.

A more precise explanation regarding the CPS sample design is provided in Technical Paper 77, *The Current Population Survey: Design and Methodology*.

For a more detailed discussion about the basic labor force data gathered on a monthly basis in the CPS survey, see the Bureau of Labor Statistics Report No. 463 and the Current Population Report P-23, No. 62, issued jointly by the Bureau of Labor Statistics and the

Bureau of the Census in October, 1976, *Concepts and Methods Used In Labor Statistics Derived from the Current Population Survey*.

Questionnaire

Questionnaire facsimiles of the 2024 ASEC Supplement are shown in Appendix E in this documentation.

Revisions to the ASEC Processing System

Starting in 2019

- Demographic edit changes
- Redesigned questions for income and health insurance coverage

File Structure

Historically, CPS ASEC data have always been provided only in a single ASCII file that included all three record types (household, family, and person). However, beginning in 2019, CSV and SAS files were also made available, with each being split into three separate files (one file for each of the three record types).

For the ASCII file, a description of the file structure follows below. It applies only to the ASCII file, not the CSV or SAS files.

There is a household record for each household or group quarters. The household record is followed by one of three possible structures:

- A. If the household contains related persons and is not a group quarters household:
 1. The family record appears next followed by person records for members of the family who are not also members of a related subfamily. The person records would be ordered: family householder, spouse of family householder, children in the family, and other relatives of the family householder.

2. The above records may be followed by one or more related subfamily records, each related subfamily record being followed immediately by person records for members of that related subfamily. The person records would be ordered: reference person of the related subfamily, spouse of subfamily reference person, and children of subfamily reference person.
3. The above records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by person records for members of that unrelated subfamily. The person records would be ordered: unrelated subfamily reference person, spouse of subfamily reference person, and children of subfamily reference person.
4. The above records may be followed by one or more persons living with nonrelatives family records, each to be followed by the person record for the unrelated individual it represents. (See Figure 1, page 2-4.)

B. If the household contains a householder with no relatives and is not a group quarters household:

1. The family record for the nonfamily householder is followed immediately by the person record for that nonfamily householder.
2. These records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by the person records for members of that unrelated subfamily.
3. These records may be followed by one or more family records for persons living with nonrelatives, each person living with nonrelatives family record being followed immediately by the person record for that person living with nonrelatives. (See Figure 2, page 2-5.)

C. If the household is Group Quarters:

1. The family record for persons living with nonrelatives is followed immediately by the person record for that person living with nonrelatives.
2. These records may be followed by one or more unrelated subfamily records, each unrelated subfamily record being followed immediately by the person records for members of that unrelated family.

Relationship of Current Population Survey Files to Publications

Each month, a significant amount of information about the labor force is published by the Bureau of Labor Statistics in the Employment and Earnings and Monthly Labor Review Reports.

As mentioned previously, the CPS also serves as a vehicle for supplemental inquiries on subjects other than employment which are periodically added to the questionnaire. From the basic and supplemental data, the Census Bureau issues four series of publications under the general title Current Population Reports:

- P-20 Population Characteristics
- P-23 Special Studies
- P-60 Consumer Income

Of particular interest to users of the ASEC microdata file would be those reports based on information collected in the ASEC. These reports include the following titles:

- P-60 Income in the United States: (Year)
- P-60 Poverty in the United States: (Year)
- P-60 Health Insurance Coverage in the United States: (Year)

All Current Population Reports are available online at <https://www.census.gov/library/publications.html>

Figure 1. Illustration of Record Sequence for Households Containing a Family.

Household Record

Family Record

Person 1 (Householder) Record

Person 2 (Spouse) Record

.

.

.

.

Person n (Family Member)

Family (Related Subfamily Record)

Person 1 (Related Subfamily Reference Person) Record

Person 2 (Spouse) Record

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.

.

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Person n (Related Subfamily Member) Record

Family (Unrelated Subfamily) Record

Person 1 (Unrelated Subfamily Reference Person) Record

Person 2 (Spouse) Record

.

.

.

.

Person n (Unrelated Subfamily Member) Record

Family (Persons Living With Nonrelatives) Record

Person 1 (Person Living With Nonrelatives) Record

Figure 2. Illustration of Record Sequence for Households Containing a Nonfamily Householder.

Household Record

Family (Nonfamily Householder) Record

Person (Nonfamily Householder) Record

Family (Unrelated Subfamily) Record

Person 1 (Unrelated Subfamily Reference Person) Record

Person 2 (Spouse) Record

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.

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.

.

Person n (Unrelated Subfamily Member) Record

Family (Person Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

Figure 3. Illustration of Record Sequence for Group Quarters.

Household Record

Family (Persons Living With Nonrelatives) Record

Person (Persons Living With Nonrelatives) Record

Family (Unrelated Subfamily) Record

Person1 Record

Person 2 Record

.

.

.

.

Person n Record

Geographic Limitations

One set of estimates that can be produced from CPS microdata files should be treated with caution. These are estimates for individual metropolitan areas. Although estimates for the larger areas such as New York, Los Angeles, and so forth, should be fairly accurate and valid for a multitude of uses, estimates for the smaller metropolitan areas (those with populations under 500,000) should be used with caution because of the relatively large sampling variability associated with these estimates. For these areas, estimates comparing percent distributions and ratios will provide data with less sampling variability than estimates of levels will.

It should be kept in mind that the sample design and methods of weighting CPS data are geared towards producing estimates for the entire nation. Consequently, data for states are not as reliable as national data, and the file will lose some of its utility in certain applications. For further discussion of such considerations, the user should consult *The Current Population Survey: Design and Methodology* (Technical Paper 77, U.S. Bureau of the Census).

The nature of the work done by each individual investigator using the microdata file will determine to what extent his/her requirements for precision will allow using some of the smaller geographic areas identified on the file.

Weights

For all CPS data files a single weight is prepared and used to compute the monthly labor force status estimates. The difference in content of the CPS ASEC Supplement requires the presentation of additional weights: a supplement household weight, a supplement family weight, and a supplement person weight. In this section we briefly describe the construction and use of these weights. Chapter 2-3 of Technical paper 77, *The Current Population Survey: Design and Methodology* provides documentation of the weighting procedures for the CPS both with and without supplement questions.

The final weight, which is the product of several adjustments, is used to produce population estimates for the various items covered in the regular monthly CPS. This weight is constructed from the basic weight for each person, which represents the probability of selection for the survey. The basic weight is adjusted for special sampling situations and failure to obtain interviews from eligible households (noninterview adjustment). A two-stage ratio estimation procedure adjusts the sample population to the known distribution of the entire population. This two-stage ratio estimation process produces factors which are applied to the basic weight (after the special weighting and noninterview adjustments are made) and results in the final weight associated with each record. In summary, the final weight is the product of: (1) the basic weight, (2) adjustments for special weighting, (3) noninterview adjustment, (4) first stage ratio adjustment factor, and (5) second stage ratio adjustment factor. This final weight should be used when producing estimates from the basic CPS data.

Differences in the questionnaire, sample and data uses for the CPS ASEC Supplement result in the need for additional adjustment procedures to produce the ASEC Supplement weight. The sample for the CPS ASEC Supplement is expanded to include members of the Armed Forces who are living in civilian housing or with the family on a military base, as well as additional Hispanic households which are not included in the monthly labor force estimates, and children who live in low-income families and lack health insurance.

The expanded sample and the need to have married and cohabitating couples receive the same weight has resulted in a weighting system which produces the supplement weight. The supplement weight should be used for producing estimates from ASEC Supplement data.

Finally, household and family weights are the weights assigned from the householder or reference person after all adjustments have been made and should be used when tabulating estimates of families and households.

MATCHING OF CPS ASEC FILES

Matching ASEC Files Across Years

There are two basic limitations in linking the CPS ASEC files across years. First, only fifty percent of the sample is included in two consecutive years. Second, the residents within the eligible housing units may have changed or appeared as noninterview records in one or both years. The result is a matched sample of considerably less than the upper limit of fifty percent. The basic procedures and variables used to link two or more March CPS files are outlined below.

Sample Selection

The first step in matching year t with year $t+1$ is to select from year- t those housing units with a "month in sample" value of 1 through 4, and from year $t+1$ those units with a "month in sample" value of 5 through 8.

This will identify the sample subset eligible for matching. Within this subset, housing units in year t , month 1 will match only with units in year $t+1$, month 5, etc.

Matching Housing Units

Using one or more variables, it is possible to uniquely identify each housing unit in each sample rotation. However, because of changes in CPS procedures, the available information for matching housing units is not always identical. Below are the variables available for matching March CPS files.

Year	Identifiers	
1986 – 1993	HHIDNUM	
1994 – 2001*	H-MIS	H-IDNUM
2002 – 2004	H-IDNUM	H-HHNUM
2005 – 2018	H-IDNUM1	H-IDNUM2
2019 – present	H_IDNUM	

*Matching between 1995 and 1996 is not possible because the March 1996 file is based entirely on the 1990 Census design sample.

Matching Person Records

If you wish to link not only the household information, but the person data as well, follow the procedure above, but add one or more variables to uniquely identify a person.

Year	Identifiers	
Before 1994	A_LINENO	Demographic Variables*
1994 – 2004	A_LINENO	

*Prior to 1994, additional checks are needed to match person records across time. The specific variables used to match residents will vary according to the needs of the project, but it is more efficient to arrange the matching in a hierarchical sequence. For example, matching on sex, race and line number should precede matching on age or household relationship. The data user should carefully work through the possible changes in household structure that might result in an inappropriate rejection of a household.

For 2005 forward, one variable may be used by itself instead of adding it to the household identifiers. PERIDNUM is the only identifier needed for linking persons in files from 2005 onward.

Matching ASEC Household, Family, and Person Files for a Single Year

ID'ing Persons within a Household

To uniquely identify persons within a household, use PH_SEQ and PPPOS on the person file. Match PH_SEQ to H_SEQ on the household file, to link the persons to the household. PPPOS is the person id within each household.

For example, match PH_SEQ = 12345 to H_SEQ = 12345, and then use PPPOS, which will have values of 01, 02, ...16, to identify each person.

ID'ing Persons within a Family

To uniquely identify persons within a family, use PH_SEQ and PF_SEQ on the person file. Match PH_SEQ to FH_SEQ on the family file, to link the persons to the household. Then, match PF_SEQ on the Person file to FFPOS on the family file. FFPOS is the unique family id within each household.

For example, match PH_SEQ = 12345 to FH_SEQ = 12345, and then use PF_SEQ, which will have values of 01, 02, ...16. Each person with PF_SEQ= 01 will be in a unique family, each person with PF_SEQ= 02 will be in a unique family, and so on.

ID'ing Families within a Household

To uniquely identify families within a household, use FH_SEQ and FFPOS on the family file. Match FH_SEQ to H_SEQ on the household file, to link the families to the household. FFPOS is the unique family id within each household.

For example, match FH_SEQ = 12345 to H_SEQ = 12345, and then use FFPOS, which will have values of 01, 02, ...16, to uniquely identify the family.

Matching ASEC Files to Non-ASEC Files

Sometimes, there's a need to link an ASEC (or "March supplement") file to a non-ASEC file. Follow the match-keys below to match households pertaining to the year the survey was conducted.

Matching Housing Units

For the ASEC file:

Year	Identifiers	
1994 – 2004	H_IDNUM	H_HHNUM
2005 – 2018	H_IDNUM1	H_IDNUM2
2019 – present	H_IDNUM*	

*Concatenate HRHHID and HRHHID2 on the non-ASEC file to match to H_IDNUM on the ASEC file.

For the Non-ASEC File:

Month & Year		
Jan, 1994 – April 2004*	HRHHID	HUHHNUM
May 2004 – present	HRHHID	HRHHID2

*For files ranging between April 1994 and June 1995, you must add the state code ('GESTCEN') to the list of identifiers to uniquely identify households. Due to the phase-in of the 1990 sample, a small number of households will share the same identifier unless adding this code.

Matching Person Records

If you desire to link not only the household information, but the person data as well, follow the procedure above, but add one or more variables to uniquely identify a person.

For non-March files, add PULINENO.

For March/ASEC files between 1994 and 2004, add A_LINENO. For 2005 forward, one variable may be used by itself instead of adding it to the household identifiers. PERIDNUM is the only identifier needed for linking persons in files from 2005 onward.

DIFFERENCES

Differences between the 2024 and 2023 ASEC Files

1. The following variable has removed from the data file.

Variable Name	Description
STTAXREB	State Tax Rebate Amount

2. Values for variable PEINUSYR are updated every year to reflect the most recent year of the survey. In odd years (2021, 2023, etc.), only the largest value changes. In even years, the largest value also changes, but a new value is also appended. Please refer to the current year data dictionary for the latest values.

HOW TO USE THE DATA DICTIONARY

The data dictionary describes the contents and record layout of the public-use data file. It is split into three major sections, one for each record type (Household, Family, and Person). Within each section, variables are grouped by Topic and Subtopic.

Variables in the data dictionary are described by:

Descriptor	Description
<i>Variable</i>	Variable name. Variable names are unique throughout the entire data file.
<i>Length</i>	The length of a variable is given in number of characters.
<i>Position</i>	Starting position (location) of the variable on the ascii data file.
<i>Range</i>	Range of values the variable can hold.
<i>Description</i>	Brief description of the variable.
<i>Values</i>	Brief description of each value the variable can hold.
<i>Universe</i>	Description of the variable's universe.

For example, the variable HRECORD is the first variable found on the data dictionary, and appears like so:

Record Type: Household

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
<i>Topic: Record Identifiers</i>			
<i>SubTopic: Record Type</i>			
HRECORD	1	1	(1:1)
Record Type. Used to identify records on ascii file.			
Values: 1 = HOUSEHOLD RECORD			
Universe: All Households			

Accordingly, HRECORD is described as follows:

Length=1 means that HRECORD takes up only one character on the data file.

Position=1 means that HRECORD can always be found in the first column of the data file for all household records.

Range=(1:1) means that the values for HRECORD can range from 1 to 1. In other words, HRECORD will always equal 1. This can also be verified by looking at the values description.

Values: 1=Household Record. HRECORD=1 identifies the current record as a household record. This is convenient when using the ASCII file since it contains all three record types (household, family, and person). SAS tables are already separated by record type, so HRECORD is not as critical to use in this case.

The universe for HRECORD is all households, which means every household will have HRECORD=1. This agrees with the fact that HRECORD=1 identifies a record as a housing record.

How to Distinguish ASEC Supplement Variables from the Basic CPS Monthly Variables

With a few exceptions, Basic CPS monthly variables have a prefix and/or a suffix as follows:

Record Type	Prefix/Suffix
Household	H_ or H1
Family	Family records do not contain any Basic CPS monthly variables.
Person	A_, AX, PE, PR, or PX

Supplement variables are either all one string or have a suffix. For example, HFIN_YN is a supplement variable on the household record.

ASEC 2024 Public Use Data Dictionary

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
Topic: Record Identifiers				Topic: Geography			
SubTopic: Record Type				SubTopic: Geography			
HRECORD	1	1	(1:1)	GEDIV	1	42	(0:9)
Record Type. Used to identify records on ascii file.				Recode - Census division of current residence			
Values: 1 = HOUSEHOLD RECORD				Values: 1 = New England 2 = Middle Atlantic 3 = East North Central 4 = West North Central 5 = South Atlantic 6 = East South Central 7 = West South Central 8 = Mountain 9 = Pacific			
Universe: All Households				Universe: All Households			
SubTopic: Match Keys							
FILEDATE	6	2	0	GEREG	1	43	(1:4)
File creation date in MMDDYY format				Region			
Values: Date				Values: 1 = Northeast 2 = Midwest 3 = South 4 = West			
Universe: All records				Universe: All Households			
H_HHNUM	1	8	(1:8)	GESTFIPS	2	44	(1:56)
Household number. Identifier for unique set of residents located at this sample address. If this group changes between months in sample, household number is incremented by 1.				State FIPS code			
Values: 1-8 = Household number				Values: 01-56 State code			
Universe: All Households				Universe: All Households			
H_IDNUM	20	9	(NA)	GTCBSA	5	46	(00000:79600)
Household id number. Same as characters 1-20 of PERIDNUM.				Metropolitan CBSA FIPS CODE			
Values: ID Number				Values: 0000 = Non-met or not identified 00460 - 79600 = CBSA code			
Universe: All households				Universe: All Households			
H_SEQ	5	29	(00001:99999)	GTCBSAST	1	51	(1:4)
Household sequence number				Principal city/Balance status			
Values: 00001- 99999=Household sequence number				Values: 1 = Principal city 2 = Balance of CBSA 3 = Non CBSA 4 = Not identified			
Universe: All Households				Universe: All Households			
Topic: Weights							
SubTopic: ASEC Supplement							
HSUP_WGT	8	34	(00000000:99999999)				
ASEC Supplement Final Weight							
Values: 2 implied decimals (example: 255212=2552.12)							
Universe: H_HHTYPE = 1							

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
GTCBSASZ	1	52	(0:7)	H_LIVQRT	2	62	(01:12)
Metropolitan area (CBSA) size				Type of living quarters (recode)			
Values: 0 = Not identified or nonmetropolitan 2 = 100,000 - 249,999 3 = 250,000 - 499,999 4 = 500,000 - 999,999 5 = 1,000,000 - 2,499,999 6 = 2,500,000 - 4,999,999 7 = 5,000,000+				Values: <u>Housing unit</u> 01 = House, apt., flat 02 = HU in nontransient hotel, etc. 03 = HU, perm, in trans. hotel, motel, etc. 04 = HU in rooming house 05 = Mobile home or trailer with no permanent room added 06 = Mobile home or trailer with 1 or more perm rooms added 07 = HU not specified above <u>Other Unit</u> 08 = Qtrs not hu in rooming or boarding house 09 = Unit not perm in trans. hotel, motel, etc. 10 = Tent or trailer site 11 = Student quarters in college dormitory 12 = Other not HU			
Universe: All Households				Universe: All Households			
GTCO	3	53	(000:810)	H_MIS	1	64	(1:8)
FIPS County Code				Month in sample			
Values: 000 = Not identified 001-810 = Specific county code (See Appendix E). Note: This code must be used in combination with a State Code (GESTFIPS) in order to uniquely identify a county.				Values: 1-8 = Month in sample			
Universe: All Households				Universe: All Households			
GTCSA	3	56	(000:720)	HEFAMINC	2	65	(-1:16)
Consolidated Statistical Area (CSA) FIPS Code				Family income from basic CPS income screener question. NOTE: If a nonfamily household, income includes only that of householder.			
Values: 000 = Non-met or not identified 118-720 = CSA Code				Values: -1=Not in universe 01=Less than \$5,000 02=\$5,000 to \$7,499 03=\$7,500 to \$9,999 04=\$10,000 to \$12,499 05=\$12,500 to \$14,999 06=\$15,000 to \$19,999 07=\$20,000 to \$24,999 08=\$25,000 to \$29,999 09=\$30,000 to \$34,999 10=\$35,000 to \$39,999 11=\$40,000 to \$49,999 12=\$50,000 to \$59,999 13=\$60,000 to \$74,999 14=\$75,000 to \$99,999 15=\$100,000 to \$149,999 16=\$150,000 and over			
Universe: All Households				Universe: All Households			
GTINDVPC	1	59	(0:7)	HH5TO18	2	67	(0:16)
Individual Principal City Code				Recode: Number of persons in household age 5 to 18			
Values: 0 = Not identified, non-met, or not a principal city 1-7 = (See Appendix E) Note: Whenever possible this code identifies specific principal cities in a CBSA that has multiple principal cities. This code must be used in combination with the CBSA FIPS Code (GTCBSA) in order to uniquely identify a specific city.				Values: 00 = None 01-16 = Number persons 5 to 18			
Universe: All Households				Universe: All Households			
GTMETSTA	1	60	(1:3)				
Metropolitan status							
Values: 1 = Metropolitan 2 = Non-metropolitan 3 = Not identified							
Universe: All Households							
Topic: Demographics							
SubTopic: Household Characteristics							
H_HHTYPE	1	61	(1:3)				
Type of household interview							
Values: 1 = Interview 2 = Type A non-interview 3 = Type B/C non-interview							
Universe: All Households							

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
HHSTATUS	1	69	(0:3)	SubTopic: Allocation Flags			
Recode - Household status				I_HUNITS	1	79	(0:1)
Values: 0 = Not in universe (group quarters) 1 = Primary family 2 = Nonfamily householder living alone 3 = Nonfamily householder living with nonrelatives				Allocation flag for HUNITS			
Universe: H_TYPE = 1-8				Values: 0 = No change 1 = Allocated			
				Universe: H_HHTYPE = 1			
HNUMFAM	2	70	(00:16)	Topic: Basic CPS Items			
Number of families in household				SubTopic: Household Characteristics			
Values: 00 = Noninterview household 01-16 = Number of families in HHLD				H_MONTH	2	80	(03:03)
Universe: H_HHTYPE = 1				Month of survey			
				Values: 03=March			
HRHTYPE	2	72	(00:10)	Universe: All Households			
Household type							
Values: 00 = Non-interview household 01 = Married couple primary family (neither spouse in Armed Forces) 02 = Married couple primary family (one spouse in Armed Forces) 03 = Unmarried civilian male primary family householder 04 = Unmarried civilian female primary family householder 05 = Primary family household - reference person in Armed Forces and unmarried 06 = Civilian male nonfamily householder 07 = Civilian female nonfamily householder 08 = Nonfamily householder household - reference person in Armed Forces 09 = Group quarters with actual families (This is new in 1994) 10 = Group quarters with secondary individuals only				H_NUMPER	2	82	(0:16)
Universe: H_HHTYPE = 1				Number of persons in household			
				Values: 00=Noninterview household 01-16 = Number of persons in HHLD			
HUNDER15	2	74	(0:16)	Universe: H_HHTYPE = 1			
Recode: Number of persons in household under age 15							
Values: 00 = None 01-16 = Number persons under 15				H_RESPNM	2	84	(0:16)
Universe: H_HHTYPE=1				Line number of household respondent			
				Values: 0=Not in universe (non-interview or proxy respondent) 01-16=Line number			
HUNDER18	2	76	(0:16)	Universe: All Households			
Recode - Number of persons in HHLD under age 18							
Values: 00 = None 01-16 = Number persons under 18				H_TELAVL	1	86	(0:2)
Universe: H_HHTYPE = 1				Telephone available			
				Values: 0 = Not in universe 1 = Yes 2 = No			
HUNITS	1	78	(0:5)	Universe: H_TELHHD = 2			
How many units in the structure?							
Values: 0 = NIU 1 = 1 Unit 2 = 2 Units 3 = 3 - 4 Units 4 = 5 - 9 Units 5 = 10+ Units				H_TELHHD	1	87	(0:2)
Universe: H_HHTYPE = 1				Telephone in household			
				Values: 0=Not in universe (non-interview) 1=Yes 2=No			
				Universe: H_HHTYPE = 1			
				H_TELINT	1	88	(0:1)
				Telephone interview acceptable			
				Values: 0=Not in universe/No 1=Yes			
				Universe: H_TELAVL = 1			

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
H_TENURE	1	89	(0:3)	H1TELHHD	1	98	(0:4)
Tenure				Allocation flag for H_TELHHD			
Values: 0=Not in universe 1=Owned or being bought 2=Rented 3=No cash rent				Values: 0=No change 1=Value to blank 4=Allocated			
Universe: H_HHTYPE = 1				Universe: All Households			
H_TYPEBC	2	90	(0:19)	H1TELINT	1	99	(0:4)
Item 15 - Type B/C				Allocation flag for H_TELAVL			
Values: 00=Interviewed or Type A				Values: 0=No change 1=Value to blank 4=Allocated			
TYPE B				Universe: All Households			
01 = Vacant - regular							
02 = Vacant - storage of HHLD furniture							
03 = Temp occ by persons with URE							
04 = Unfit or to be demolished							
05 = Under construction, not ready							
06 = Converted to temp business or storage							
07 = Occ by AF members or persons under 15							
08 = Unocc tent or trailer site							
09 = Permit granted, construction not started							
10 = Other							
Type C							
11 = Demolished							
12 = House or trailer moved							
13 = Outside segment							
14 = Converted to perm business or storage							
15 = Merged							
16 = Condemned							
17 = Built after April 1, 2010							
18 = Unused line of listing sheet							
19 = Other							
Universe: H_HHTYPE = 3							
H_YEAR	4	92	(1999:2999)	H1TENURE	1	100	(0:4)
Year of survey				Allocation flag for H_TENURE			
Values: 1999-2999				Values: 0=No change 1=Value to blank 4=Allocated			
Universe: All Households				Universe: All Households			
SubTopic: Allocation Flags							
H1LIVQRT	1	96	(0:7)				
Allocation flag for H_LIVQRT							
Values: 0=No change 4=Allocated 7=Blank to NA - no error							
Universe: All Households							
H1TELAVL	1	97	(0:4)				
Allocation flag for H_TELINT							
Values: 0=No change 1=Value to blank 4=Allocated							
Universe: All Households							

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
Topic: Income				HTOTVAL 8 106 (-999999:99999999)			
SubTopic: Total Income				total household income			
HHINC 2 101 (0:41)				<i>Values:</i> 0 = none negative dollar amount positive dollar amount			
Total household income - recode				<i>Universe:</i> All Households			
<i>Values:</i> 1=UNDER \$2,500 2=\$2,500 TO \$4,999 3=\$5,000 TO \$7,499 4=\$7,500 TO \$9,999 5=\$10,000 TO \$12,499 6=\$12,500 TO \$14,999 7=\$15,000 TO \$17,499 8=\$17,500 TO \$19,999 9=\$20,000 TO \$22,499 10=\$22,500 TO \$24,999 11=\$25,000 TO \$27,499 12=\$27,500 TO \$29,999 13=\$30,000 TO \$32,499 14=\$32,500 TO \$34,999 15=\$35,000 TO \$37,499 16=\$37,500 TO \$39,999 17=\$40,000 TO \$42,499 18=\$42,500 TO \$44,999 19=\$45,000 TO \$47,499 20=\$47,500 TO \$49,999 21=\$50,000 TO \$52,499 22=\$52,500 TO \$54,999 23=\$55,000 TO \$57,499 24=\$57,500 TO \$59,999 25=\$60,000 TO \$62,499 26=\$62,500 TO \$64,999 27=\$65,000 TO \$67,499 28=\$67,500 TO \$69,999 29=\$70,000 TO \$72,499 30=\$72,500 TO \$74,999 31=\$75,000 TO \$77,499 32=\$77,500 TO \$79,999 33=\$80,000 TO \$82,499 34=\$82,500 TO \$84,999 35=\$85,000 TO \$87,499 36=\$87,500 TO \$89,999 37=\$90,000 TO \$92,499 38=\$92,500 TO \$94,999 39=\$95,000 TO \$97,499 40=\$97,500 TO \$99,999 41=\$100,000 AND OVER				SubTopic: Earnings			
<i>Universe:</i> All Households				HEARNVAL 8 114 (-999999:99999999)			
				total household earnings			
				<i>Values:</i> 0 = none negative amt = income (loss) positive amt = income			
				<i>Universe:</i> HINC_WS, HINC_SE, or HINC_FR = 1			
				HFRVAL 7 122 (-999999:99999999)			
				household income - farm income			
				<i>Values:</i> 0 = none negative amt = income (loss) positive amt = income			
				<i>Universe:</i> HINC_FR = 1			
				HINC_FR 1 129 (0:2)			
				farm self-employment, y/n			
				<i>Values:</i> 0 = niu 1 = yes 2 = no			
				<i>Universe:</i> All Households			
				HINC_SE 1 130 (0:2)			
				own business self-employment, y/n			
				<i>Values:</i> 0 = niu 1 = yes 2 = no			
				<i>Universe:</i> All Households			
				HINC_WS 1 131 (0:2)			
				wage and salary, y/n			
				<i>Values:</i> 0 = niu 1 = yes 2 = no			
				<i>Universe:</i> All Households			
				HSEVAL 7 132 (-999999:99999999)			
				household income - self employment income			
				<i>Values:</i> 0 = none negative dollar amount = income loss positive dollar amount = income			
				<i>Universe:</i> HINC_SE = 1			

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
HWSVAL	7	139	(0:9999999)	HDIV_YN	1	176	(0:2)
household income - wages and salaries				At any time during 20.. did anyone in this household: own any shares of stock in corporations or any mutual fund shares?			
Values: 0 = none dollar amount				Values: 0 = niu 1 = yes 2 = no			
Universe: HINC_WS = 1				Universe: All Households			
SubTopic: Other Income							
HANN_YN	7	146	(0:2)	HDIVVAL	7	177	(0:9999999)
During 20.., did anyone receive income from an annuity?				household income - dividend income			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = none; 1:9999999 dollar amount			
Universe: All Households				Universe: HDIV_YN = 1			
HANNVAL	7	153	(0:999999)	HDST_YN	7	184	(0:2)
household income - annuities				Household retirement distribution income for people age 58 and over, y/n?			
Values: 0 = none; dollar amount				Values: 0 = niu 1 = yes 2 = no			
Universe: HANN_YN = 1				Universe: All Households			
HCSP_YN	1	160	(0:2)	HDSTVAL	7	191	(0:9999999)
During 20.. did anyone in this household receive: any child support payments?				household income - retirement distributions			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = yes 2 = no			
Universe: All Households				Universe: HDST_YN = 1			
HCSPVAL	7	161	(0:9999999)	HED_YN	1	198	(0:2)
household income - child support				Did anyone receive any educational assistance for tuition, fees, books, or living expenses during 20..?			
Values: 0 = none; 1:999999 dollar amount				Values: 0 = niu 1 = yes 2 = no			
Universe: HCSP_YN = 1				Universe: All Households			
HDIS_YN	1	168	(0:2)	HEDVAL	7	199	(0:9999999)
Does anyone in the household have a disability or health problem which prevented them from working, even for a short time, or which limited the work they could do?				household income - education income			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = none 1:9999999 dollar amount			
Universe: All Households				Universe: HED_YN = 1			
HDISVAL	7	169	(0:9999999)	HFIN_YN	1	206	(0:2)
household income - disability income				During 20.. did anyone in this household receive: any (other) regular financial assistance from friends or relatives not living in this household?			
Values: 0 = none; 1:9999999 dollar amount				Values: 0 = niu 1 = yes 2 = no			
Universe: HDIS_YN = 1				Universe: All Households			

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
HFINVAL	7	207	(0:9999999)	HOIVAL	7	225	(0:9999999)
household income - financial assistance income				household income - other income: (such as foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies, or any other source)			
Values: 0 = none; 1:9999999 dollar amount				Values: 0 = none 1:9999999 dollar amount			
Universe: All Households				Universe: HOI_YN = 1			
HINC_UC	1	214	(0:2)	HOTHVAL	8	232	(-999999:99999999)
unemployment compensation, y/n				All other types of income except HEARNVAL Recode - Total other household income			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = none negative amt = income (loss) positive amt = income			
Universe: All Households				Universe: All Households			
HINC_WC	1	215	(0:2)	HPAW_YN	1	240	(0:2)
workers compensation, y/n				At any time during 20.. did anyone in this household receive: any public assistance or welfare payments from the state or local welfare office?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = yes 2 = no			
Universe: All Households				Universe: All Households			
HINT_YN	1	216	(0:2)	HPAWVAL	6	241	(0:99999999)
At any time during 20.. did anyone in this household have money in:				household income - public assistance income amt			
1) savings accounts 2) checking accounts 3) money market funds 4) certificates of deposit 5) savings bonds 6) any other (non-retirement) investments which pay interest 7) retirement accounts				Values: 0 = none 1:9999999 dollar amount			
Values: 0 = niu 1 = yes 2 = no				Universe: HPAW_YN = 1			
Universe: All Households				HPEN_YN	1	247	(0:2)
HINTVAL	7	217	(0:9999999)	During 20.., did anyone receive any pension income from a previous employer or union?			
household income - interest income				Values: 0 = niu 1 = yes 2 = no			
Values: 0 = none 1: 9999999 dollar amount				Universe: All Households			
Universe: HINT_YN = 1				HPENVAL	7	248	(0:9999999)
HOI_YN	1	224	(0:2)	household income - pension income			
During 20.. Did anyone receive cash income not already covered, such as income from: foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies, or any other source?				Values: 0 = none 1:9999999 dollar amount			
Values: 0 = niu 1 = yes 2 = no				Universe: All Households			
Universe: All Households							

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
HRNT_YN	1	255	(0:2)	HSUR_YN	1	278	(0:2)
During 20.. did anyone in the household: 1) own any land, business property, apartments, houses which were rented to others? 2) receive income from royalties or from roomers or boarders? 3) receive income from estates or trusts? Values: 0 = niu 1 = yes 2 = no Universe: All Households				Did anyone in this household receive any income in 20.. as a survivor or widow such as survivor or widow's pensions, estates, trusts, annuities, or other survivor benefits? Values: 0 = niu 1 = yes 2 = no Universe: All Households			
HRNTVAL	7	256	(-999999:99999999)	HSURVAL	7	279	(0:99999999)
household income - rental income amt Values: 0 = none negative dollar amount positive dollar amount Universe: HRNT_YN = 1				household income - survivor income Values: 0 = none 1:9999999 dollar amount Universe: HSUR_YN = 1			
HSS_YN	1	263	(0:2)	HUCVAL	7	286	(0:9999999)
During 20.. did anyone in this household receive: any social security payments from U.S. government? Values: 0 = niu 1 = yes 2 = no Universe: All Households				household income - unemployment compensation Values: 0 = none 1-99999999 = dollar amount Universe: HINC_UC = 1			
HSSI_YN	1	264	(0:2)	HVET_YN	1	293	(0:2)
During 20.. did anyone in this household receive: any supplemental security income payments? Values: 0 = niu 1 = yes 2 = no Universe: All Households				At any time during 20.. did anyone in this household receive: any payments from the veterans' administration other than above? Values: 0 = niu 1 = yes 2 = no Universe: All Households			
HSSIIVAL	6	265	(0:9999999)	HVETVAL	7	294	(0:9999999)
household income - supplemental security income Values: 0 = none 1:9999999 dollar amount Universe: HSSI_YN = 1				household income - veteran payments Values: 0 = none 1-9999999 = dollar amount Universe: HVET_YN = 1			
HSSVAL	7	271	(0:9999999)	HWCVAL	7	301	(0:99999999)
household income - social security Values: 0 = none 1:9999999 dollar amount Universe: HSS_YN = 1				household income - worker's compensation Values: 0 = none dollar amount Universe: HINC_WC = 1			
SubTopic: Non-cash Benefits							
HBBSUB_MNTH	2	308	(0:12)				
Edited number of months receiving broadband subsidy program benefits Values: 0 = Not in universe 1-12 = Number of months Universe: HBBSUB = 1							

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
HBBSUB_YN	1	310	(0:2)	HFOODNO	1	326	(0:9)
Edited 'yes/no' broadband subsidy				Number covered by food stamps note: if more than 9 children/persons present, a value of 9 does not necessarily mean "all."			
Values: 0 = Not in universe 1 = Yes 2 = No				Values: 0 = niu 1 = one ... 9 = nine +			
Universe: All households				Universe: HFOODSP = 1			
HENGAST	1	311	(0:2)	HFOODSP	1	327	(0:2)
Assistance for heating/colling costs received for anyone in the household				Did anyone in this household get food stamps at any time in 20..?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = all or some 2 = none			
Universe: All Households				Universe: All Households			
HENGVAL	5	312	(0:10000)	HHOTLUN	1	328	(0:2)
Altogether, how much energy assistance has been received during, 20..?				During 20.. how many of the children in this household usually ate a complete hot lunch offered at school?			
Values: 0 = none 1:10,000 = dollar amount				Values: 0 = niu 1 = all or some 2 = none			
Universe: HENGAST = 1				Universe: All Households with children 5 to 18			
HFDVAL	5	317	(0:30000)	HHOTNO	1	329	(0:9)
What was the value of all food stamps received during 20..?				number of children in household who usually ate hot lunch. note: if more than 9 children/persons present, a value of 9 does not necessarily mean "all."			
Values: 0 = none 1-30000 = dollar amount				Values: 0 = niu 1 = one ... 9 = nine or more			
Universe: HFOODSP = 1				Universe: HHOTLUN = 1			
HFLUNCH	1	322	(0:2)	HLORENT	1	330	(0:2)
During 20.. how many of the children in this household received free or reduced price lunches because they qualified for federal school lunch program or their school provided free lunches to all students?				Are you paying lower rent because the federal, state, or local government is paying part of the cost?			
Values: 0 = niu 1 = all or some 2 = none				Values: 0 = niu 1 = yes 2 = no			
Universe: HHOTLUN = 1				Universe: HPUBLIC=2			
HFLUNNO	1	323	(0:9)	HPEBT_YN	1	331	(0:2)
Number receiving free/reduced price lunch. Note: if more than 9 children/persons present, a value of 9 does not necessarily mean "all."				Received P-EBT Card, y/n			
Values: 0 = niu 1 = one ... 9 = nine +				Values: 0 = not in universe 1 = Yes 2 = No			
Universe: HHOTLUN = 1				Universe: Households with at least one child age 5-18			
HFOODMO	2	324	(0:12)	HPUBLIC	1	332	(0:2)
number months covered by food stamps				Is this a public housing project, that is owned by a local housing authority or other public agency?			
Values: 0 = niu 1-12 = months				Values: 0 = niu 1 = yes 2 = no			
Universe: HFOODSP = 1				Universe: H_TENURE ne 1 (renter occupied)			

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
HRNUMWIC	2	333	(0:16)	I_HBBSUBMNTH	1	353	(0:1)
Number of people in the household receiving WIC				Allocation flag for edited number of months receiving Broadband subsidy (HBBSUB_MNTH)			
Values: 0 = NIU 1:16 = number of people				Values: 0 = Not allocated 1 = Allocated			
Universe: HRWICYN = 1				Universe: HBBSUB_MNTH > 0			
HRWICYN	1	335	(0:2)	I_HBBSUBYN	1	354	(0:1)
At any time last year, (were you/was anyone in this household) on WIC, the Women, Infants, and Children Nutrition Program?				Allocation flag for edited 'yes/no' Broadband subsidy (HBBSUB_YN)			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = Not allocated 1 = Allocated			
Universe: Households with a female adult				Universe: HBBSUB_YN > 0			
SubTopic: Supplemental Poverty Measure				I_HENGAS	1	355	(0:1)
HCHCARE_VAL	6	336	(-1:999999)	Allocation flag for HENGAST			
Annual amount paid for child care by household members				Values: 0 = No allocation 1 = Allocated			
Values: 0 = none; dollar amount				Universe: HENGASAT > 0			
Universe: HCHCARE_YN = 1				I_HENGVA	1	356	(0:2)
HCHCARE_YN	1	342	(0:2)	Allocation flag for HENGVAL			
Did (you/anyone in this household) PAY for the care of (your/their) (child/children) while they worked last year? (Include preschool and nursery school; exclude kindergarten or grade/elementary school)?				Values: 0 = No allocation 1 = Allocated 2 = Allocated with range response			
Values: 0 = NIU 1 = yes 2 = no				Universe: HENGAST = 1			
Universe: Households with children (a_age = 15 and under)				I_HFDVAL	1	357	(0:2)
SubTopic: Property				Allocation flag for HFDVAL			
HPRES_MORT	1	343	(0:2)	Values: 0 = No allocation 1 = Allocated 2 = Allocated with range response			
Presence of home mortgage (respondent answers yes to hmort_yn or hsmort_yn)				Universe: HFDVAL > 0			
Values: 0 = niu 1 = yes 2 = no				I_HFLUNC	1	358	(0:1)
Universe: H_TENURE = 1 (owner occupied)				Allocation flag for HFLUNCH			
HPROP_VAL	8	344	(-1:9999999)	Values: 0 = No allocation 1 = Allocated			
Estimate of current property value				Universe: HFLUNCH > 0			
Values: 0 = none/niu - renter 1:9999999 dollar amount				I_HFLUNN	1	359	(0:1)
Universe: H_TENURE = 1 (owner occupied)				Allocation flag for HFLUNNO			
SubTopic: Allocation Flags				Values: 0 = No allocation 1 = Allocated			
I_CHCAREVAL	1	352	(0:1)	Universe: HFLUNNO > 0			
Allocation flag for HCHCARE_VAL							
Values: 0 = No allocation 1 = Allocated							
Universe: HCHCARE_VAL > 0							

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
I_HFOODM	1	360	(0:2)	I_PROPVAL	1	368	(0:4)
Allocation flag for HFOODMO				Allocation flag for HPROP_VAL			
Values: 0 = No allocation 1 = Allocated 2 = Allocated with range response				Values: 0 = No allocation 1 = Allocated with range response (Level 1) 2 = Allocated (Level 2) 3 = Allocated (Level 3) 4 = Allocated (Level 4)			
Universe: HFOODMO > 0				Universe: HPROP_VAL > 0			
I_HFOODN	1	361	(0:1)	SubTopic: Topcoding Flags			
Allocation flag for HFOODNO				THHCARE_VAL	1	369	(0:1)
Values: 0 = No allocation 1 = Allocated				Topcode flag for HCHCARE_VAL			
Universe: HFOODNO > 0				Values: 0 = not topcoded; 1 = topcoded			
I_HFOODS	1	362	(0:1)	Universe: HCHCARE_VAL > 0			
Allocation flag for HFOODSP				THPROP_VAL	1	370	(0:1)
Values: 0 = No allocation 1 = Allocated				Data swapping flag for HPROP_VAL			
Universe: HFOODSP > 0				Values: 0 = no swapping 1 = variable value was swapped with another record			
I_HHOTLU	1	363	(0:1)	Universe: HPROP_VAL > 0			
Allocation flag for HHOTLUN				Topic: Health Insurance			
Values: 0 = No allocation 1 = Allocated				SubTopic: Any health insurance coverage			
Universe: HHOTLUN > 0				HCOV	1	371	(1:3)
I_HHOTNO	1	364	(0:1)	Any health insurance coverage in the household last year			
Allocation flag for HHOTNO				Values: 1= All members of the household 2= Some members of the household 3= No members of the household			
Values: 0 = No allocation 1 = Allocated				Universe: All Households			
Universe: HHOTNO > 0				NOW_HCOV	1	372	(1:3)
I_HLOREN	1	365	(0:1)	Any current health insurance coverage in the household			
Allocation flag for HLORENT				Values: 1= All members of the household 2= Some members of the household 3= No members of the household			
Values: 0 = No allocation 1 = Allocated				Universe: All Households			
Universe: HLORENT > 0				SubTopic: Public coverage			
I_HPEBTYN	1	366	(0:1)	HPUB	1	373	(1:3)
Allocation flag for HPEBT_YN				Any public coverage in the household last year			
Values: 0 = Not allocated 1 = Allocated				Values: 1= All members of the household 2= Some members of the household 3= No members of the household			
Universe: HPEBT_YN > 0				Universe: All Households			
I_HPUBLI	1	367	(0:1)				
Allocation flag for HPUBLIC							
Values: 0 = No allocation 1 = Allocated							
Universe: HPUBLIC > 0							

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
NOW_HPUB	1	374	(1:3)				
Any current public coverage in the household							
Values: 1= All members of the household 2= Some members of the household 3= No members of the household							
Universe: All Households							
SubTopic: Private coverage							
HPRIV	1	375	(1:3)				
Any private coverage in the household last year							
Values: 1= All members of the household 2= Some members of the household 3= No members of the household							
Universe: All Households							
NOW_HPRIV	1	376	(1:3)				
Any current private coverage in the household							
Values: 1= All members of the household 2= Some members of the household 3= No members of the household							
Universe: All Households							
SubTopic: Medicaid or other means-tested cover							
HMCAID	1	377	(1:3)				
Any Medicaid, PCHIP or other means-tested coverage in the household last year							
Values: 1= All members of the household 2= Some members of the household 3= No members of the household							
Universe: All Households							
NOW_HMCAID	1	378	(1:3)				
Any current Medicaid, PCHIP or other means-tested coverage in the household							
Values: 1= All members of the household 2= Some members of the household 3= No members of the household							
Universe: All Households							
SubTopic: Household imputation status							
HH_HI_UNIV	1	379	(1:3)				
Household imputation status							
Values: 1= All members of the household had reported data 2= Some members of the household had reported data 3= No members of the household had reported data							
Universe: All Households							

ASEC 2024 Public Use Data Dictionary

Record Type: Family

Variable	Length	Position	Range
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Topic: Record Identifiers

SubTopic: Record Type

FRECORD	1	1	(2:2)
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Record Type. Used to identify records on ascii file.

Values: 2 = FAMILY RECORD

Universe: All Families

SubTopic: Match Keys

FFPOS	2	2	(01:16)
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Unique family identifier. This field plus FH_SEQ results in a unique family number for the file.

Values: 01-16 = index for family identifier

Universe: All Families

FH_SEQ	5	4	(00001:99999)
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Household sequence number. Matches H_SEQ for same household

Values: 00001-99999 = household sequence number

Universe: All Families

FILEDATE	6	9	()
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File creation date in MMDDYY format

Values: Date

Universe: All records

SubTopic: Record Pointers

FHEADIDX	2	15	(1:16)
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Index to person record of family head

Values: 01-16 = Person sequence number (P_SEQ) for reference person

Universe: All Families

FLASTIDX	2	17	(1:16)
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Index to person record of last member of family. All persons from FHEADIDX thru FLASTIDX are members of this family. (Primary family includes related subfamily members.)

Values: 01-16 = Person sequence number (P_SEQ) for last family member

Universe: All Families

Variable	Length	Position	Range
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FMLASIDX	2	19	(1:16)
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Index to person record of last member of family. All persons from FHEADIDX thru FMLASIDX are members of this family. (Primary family excludes subfamily members.)

Values: 01-16 = Person sequence number (P_SEQ) for last family member

Universe: All Families

FSPOUIDX	2	21	(0:16)
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Index to person record of family spouse

Values: 00 = No spouse

01-16 = Person sequence number (P_SEQ) for spouse

Universe: F_KIND = 1

Topic: Weights

SubTopic: ASEC Supplement

FSUP_WGT	8	23	(00000000:99999999)
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Householder or Reference Person weight

Values: 2 implied decimals (example: 255212=2552.12)

Universe: All Families

Topic: Demographics

SubTopic: Family Characteristics

FKIND	1	31	(1:3)
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Kind of family

Values: 1=Married couple family

2=Male reference person

3=Female reference person

Universe: All Families

FKINDEX	1	32	(1:4)
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Kind of family (expanded)

Values: 1=Opposite-sex married couple family

2=Same-sex married couple family

3=Male reference person

4=Female reference person

Universe: All families

FOWNU18	1	33	(0:9)
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Number of own never married children under 18, for FHEADIDX. Primary family includes own children in related subfamily even if the child is the head of the subfamily.

Values: 0 = None, not in universe

1 = 1 ... 9 = 9 or more

Universe: All Families

Record Type: Family

Variable	Length	Position	Range
FOWNU6	1	34	(0:6)
Own children in family under 6, for FHEADIDX. Primary family includes own children in related subfamily			
<i>Values:</i> 0 = None, not in universe 1 = 1 2 = 2 ... 6 = 6+			
<i>Universe:</i> All Families			
FPERSONS	2	35	(1:16)
Number of persons in family. Primary families include related subfamily members.			
<i>Values:</i> 01-16 = Number of persons			
<i>Universe:</i> All Families			
FRELU18	1	37	(0:9)
Related persons in family under 18			
<i>Values:</i> 0 = None, not in universe 1 = 1 2 = 2 ... 9 = 9+			
<i>Universe:</i> All Families			
FRELU6	1	38	(0:6)
Related persons in family under 6			
<i>Values:</i> 0 = None, not in universe 1 = 1 2 = 2 ... 6 = 6+			
<i>Universe:</i> All Families			
FSPANISH	1	39	(1:2)
Reference person or spouse is Spanish, Hispanic, or Latino			
<i>Values:</i> 1 = YES 2 = NO			
<i>Universe:</i> All Families			
FTYPE	1	40	(1:5)
Family type			
<i>Values:</i> 1=Primary family 2=Nonfamily householder 3=Related subfamily 4=Unrelated subfamily 5=Secondary individual			
<i>Universe:</i> All Families			

Variable	Length	Position	Range
Topic: Income			
SubTopic: Total Income			
FPCTCUT	2	41	(0:20)
Income percentiles (for primary families only)			
<i>Values:</i> 0 = niu (ftype = 2+) 1 = lowest 5 percent 2 = second 5 percent . . . 20 = top 5 percent			
<i>Universe:</i> FTYPE = 1			
FTOT_R	2	43	(0:41)
Total family income recode			
<i>Values:</i> 1=UNDER \$2,500 2=\$2,500 TO \$4,999 3=\$5,000 TO \$7,499 4=\$7,500 TO \$9,999 5=\$10,000 TO \$12,499 6=\$12,500 TO \$14,999 7=\$15,000 TO \$17,499 8=\$17,500 TO \$19,999 9=\$20,000 TO \$22,499 10=\$22,500 TO \$24,999 11=\$25,000 TO \$27,499 12=\$27,500 TO \$29,999 13=\$30,000 TO \$32,499 14=\$32,500 TO \$34,999 15=\$35,000 TO \$37,499 16=\$37,500 TO \$39,999 17=\$40,000 TO \$42,499 18=\$42,500 TO \$44,999 19=\$45,000 TO \$47,499 20=\$47,500 TO \$49,999 21=\$50,000 TO \$52,499 22=\$52,500 TO \$54,999 23=\$55,000 TO \$57,499 24=\$57,500 TO \$59,999 25=\$60,000 TO \$62,499 26=\$62,500 TO \$64,999 27=\$65,000 TO \$67,499 28=\$67,500 TO \$69,999 29=\$70,000 TO \$72,499 30=\$72,500 TO \$74,999 31=\$75,000 TO \$77,499 32=\$77,500 TO \$79,999 33=\$80,000 TO \$82,499 34=\$82,500 TO \$84,999 35=\$85,000 TO \$87,499 36=\$87,500 TO \$89,999 37=\$90,000 TO \$92,499 38=\$92,500 TO \$94,999 39=\$95,000 TO \$97,499 40=\$97,500 TO \$99,999 41=\$100,000 AND OVER			
<i>Universe:</i> All Families			
FTOTVAL	8	45	(-999999:99999999)
Total family income			
<i>Values:</i> 0 = none negative amt = income (loss) positive amt = income			
<i>Universe:</i> All Families			

Record Type: Family

Variable	Length	Position	Range	Variable	Length	Position	Range
SubTopic: Earnings				FCSPVAL	7	85	(0000000:9999999)
FEARNVAL	8	53	(-999999:9999999)	family income - child support			
total family earnings				<i>Values:</i> 0 = none; dollar amount			
<i>Values:</i> 0 = none negative amt = income (loss) positive amt = income				<i>Universe:</i> FINC_CSP = 1			
<i>Universe:</i> FINC_WS, FINC_SE OR FINC_FR = 1				FDISVAL	7	92	(0000000:9999999)
FFRVAL	7	61	(-999999:9999999)	family income - disability income			
family income - farm income				<i>Values:</i> 0 = none; dollar amount			
<i>Values:</i> 0 = none negative amt = income (loss) positive amt = income				<i>Universe:</i> FINC_DIS = 1			
<i>Universe:</i> FINC_FR = 1				FDIVVAL	7	99	(0000000:9999999)
FINC_FR	1	68	(0:2)	family income - dividend income			
farm self-employment, y/n				<i>Values:</i> 0 = none; dollar amount			
<i>Values:</i> 1 = yes 2 = no				<i>Universe:</i> FINC_DIV = 1			
<i>Universe:</i> All Families				FDSTVAL	7	106	(0000000:9999999)
FINC_SE	1	69	(0:2)	family income - retirement distributions			
own business self-employment, y/n				<i>Values:</i> 0 = none; dollar amount			
<i>Values:</i> 1 = yes 2 = no				<i>Universe:</i> FINC_DST = 1			
<i>Universe:</i> All Families				FEDVAL	7	113	(0000000:9999999)
FINC_WS	1	70	(0:2)	family income - education income			
wage and salary, y/n				<i>Values:</i> 0 = none dollar amount			
<i>Values:</i> 1 = yes 2 = no				<i>Universe:</i> FINC_ED = 1			
<i>Universe:</i> All Families				FFINVAL	7	120	(0000000:9999999)
FSEVAL	7	71	(-999999:9999999)	family income - financial assistance income			
family income - self employment income				<i>Values:</i> 0 = none; dollar amount			
<i>Values:</i> 0 = none negative amt = income (loss) positive amt = income				<i>Universe:</i> FINC_FIN = 1			
<i>Universe:</i> FINC_SE = 1				FINC_ANN	1	127	(0:2)
SubTopic: Other Income				annuity income, y/n			
FANNVAL	7	78	(0:9999999)	<i>Values:</i> 1 = yes 2 = no			
family income - annuities				<i>Universe:</i> All Families			
<i>Values:</i> 0 = none; dollar amount				FINC_CSP	1	128	(0:2)
<i>Universe:</i> FINC_ANN = 1				child support income, y/n			
FINC_DIS	1	129	(0:2)	<i>Values:</i> 1 = yes 2 = no			
disability income, y/n				<i>Universe:</i> All Families			
<i>Values:</i> 1 = yes 2 = no				<i>Universe:</i> All Families			

Record Type: Family

Variable	Length	Position	Range	Variable	Length	Position	Range
FINC_DIV	1	130	(0:2)	FINC_RNT	1	138	(0:2)
dividend income, y/n				rental income, y/n			
Values: 1 = yes 2 = no				Values: 1 = yes 2 = no			
Universe: All Families				Universe: All Families			
FINC_DST	1	131	(0:2)	FINC_SS	1	139	(0:2)
retirement distributions, y/n				social security income, y/n			
Values: 1 = yes 2 = no				Values: 1 = yes 2 = no			
Universe: All Families				Universe: All Families			
FINC_ED	1	132	(0:2)	FINC_SSI	1	140	(0:2)
education income, y/n				supplemental security income, y/n			
Values: 1 = yes 2 = no				Values: 1 = yes 2 = no			
Universe: All Families				Universe: All Families			
FINC_FIN	1	133	(0:2)	FINC_SUR	1	141	(0:2)
financial assistance, y/n				survivor's income, y/n			
Values: 1 = yes 2 = no				Values: 1 = yes 2 = no			
Universe: All Families				Universe: All Families			
FINC_INT	1	134	(0:2)	FINC_UC	1	142	(0:2)
interest income, y/n				unemployment compensation, y/n			
Values: 1 = yes 2 = no				Values: 1 = yes 2 = no			
Universe: All Families				Universe: All Families			
FINC_OI	1	135	(0:2)	FINC_VET	1	143	(0:2)
other income, y/n				veterans' benefits, y/n			
Values: 1 = yes 2 = no				Values: 1 = yes 2 = no			
Universe: All Families				Universe: All Families			
FINC_PAW	1	136	(0:2)	FINC_WC	1	144	(0:2)
public assistance or welfare, y/n				workers compensation, y/n			
Values: 1 = yes 2 = no				Values: 1 = yes 2 = no			
Universe: All Families				Universe: All Families			
FINC_PEN	1	137	(0:2)	FINTVAL	7	145	(0000000:9999999)
pension income, y/n				family income - interest income			
Values: 1 = yes 2 = no				Values: 0 = none; dollar amount			
Universe: All Families				Universe: FINC_INT = 1			

Record Type: Family

Variable	Length	Position	Range	Variable	Length	Position	Range
FOIVAL	7	152	(0000000:9999999)	FUCVAL	7	207	(0000000:9999999)
family income - other income: such as foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies, or any other source				family income - unemployment compensation			
Values: 0 = none; dollar amount				Values: 0 = none; dollar amount			
Universe: FINC_OI = 1				Universe: FINC_UC = 1			
FOTHVAL	8	159	(-999999:99999999)	FVETVAL	7	214	(0000000:9999999)
total other family income - All other types of income except FEARNVAL				family income - veteran payments			
Values: 0 = none				Values: 0 = none; dollar amount			
negative amt = income (loss)				Universe: FINC_VET = 1			
positive amt = income							
Universe: All Families				FWCVAL	7	221	(0000000:9999999)
FPAWVAL	6	167	(0000000:9999999)	family income - worker's compensation			
family income - public assistance income				Values: 0 = none; dollar amount			
Values: 0 = none; dollar amount				Universe: FINC_WC = 1			
Universe: FINC_PAW = 1				FWSVAL	7	228	(0000000:9999999)
FPENVAL	7	173	(0:9999999)	family income - wages and salaries			
family income - pension				Values: dollar amount			
Values: 0 = none; dollar amount				Universe: FINC_WS = 1			
Universe: FINC_PEN = 1				SubTopic: Non-cash Benefits			
FRNTVAL	7	180	(-999999:9999999)	F_MV_FS	5	235	(0:24999)
family income - rental income				Family market value of food stamps			
Values: 0 = none				Values: 0 = none; dollar amount			
negative amt = income (loss)				Universe: HFOODSP = 1 and FTYPE ≠ 3			
positive amt = income				F_MV_SL	4	240	(0:9999)
Universe: FINC_RNT = 1				Family market value of school lunch			
FSSIVAL	6	187	(000000:999999)	Values: 0 = none; dollar amount			
family income - supplemental security income				Universe: HFLUNCH = 1 and FTYPE ≠ 3			
Values: 0 = none; dollar amount				Topic: Poverty			
Universe: FINC_SSI = 1				SubTopic: Poverty			
FSSVAL	7	193	(0000000:9999999)	FAMLIS	2	244	(-1:4)
family income - social security				RATIO OF FAMILY INCOME TO POVERTY THRESHOLD			
Values: 0 = none; dollar amount				IF FTYPE = 3, THEN VALUE COMES FROM PRIMARY FAMILY.			
Universe: FINC_SS = 1				Values: -1 = NOT IN POVERTY UNIVERSE			
FSURVAL	7	200	(0000000:9999999)	1 = BELOW POVERTY LEVEL			
family income - survivor income				2 = 100 - 124 PERCENT OF THE POVERTY LEVEL			
Values: 0 = none; dollar amount				3 = 125 - 149 PERCENT OF THE POVERTY LEVEL			
Universe: FINC_SUR = 1				4 = 150 AND ABOVE THE POVERTY LEVEL			
				Universe: All families and unrelated individuals aged 15 and older			

Record Type: Family

Variable	Length	Position	Range	Variable	Length	Position	Range
FPOVCUT	5	246	(-1:99999)	Topic: Health Insurance			
ANNUAL FAMILY POVERTY THRESHOLD. If FTYPE = 3 then value comes from primary family				SubTopic: Medical out-of-pocket expenditures			
Values: -1 = Not in poverty universe 1-99,999 = dollar amount				FHIP_VAL	7	260	(0:9999999)
Universe: All families and unrelated individuals aged 15 and older				Total amount paid in premiums by family			
				Values: 0 - 9999999			
				Universe: All Families			
FRSPOV	2	251	(0:14)	FHIP_VAL2	7	267	(0:9999999)
RATIO OF RELATED SUBFAMILY INCOME TO RELATED SUBFAMILY POVERTY THRESHOLD				Total amount paid in premiums by family 2			
Values: 00 = NOT A RELATED SUBFAMILY 01 = UNDER .50 02 = .50 TO .74 03 = .75 TO .99 04 = 1.00 TO 1.24 05 = 1.25 TO 1.49 06 = 1.50 TO 1.74 07 = 1.75 TO 1.99 08 = 2.00 TO 2.49 09 = 2.50 TO 2.99 10 = 3.00 TO 3.49 11 = 3.50 TO 3.99 12 = 4.00 TO 4.49 13 = 4.50 TO 4.99 14 = 5.00 AND OVER				Values: 0 - 9999999			
Universe: Related subfamilies (ftype = 3)				Universe: All Families			
FRSPPCT	5	253	(0:60000)	FMED_VAL	7	274	(0:9999999)
ANNUAL RELATED SUBFAMILY POVERTY THRESHOLD (CARE SHOULD BE EXERCISED WHEN USING THIS DATA AS RELATED SUBFAMILIES ARE A SUBSET OF PRIMARY FAMILIES AND USUALLY THEIR POVERTY STATUS COMES FROM THE PRIMARY FAMILY)				Total amount paid in medical expenses by family			
Values: 0 = NOT A RELATED SUBFAMILY 1-60,000 = DOLLAR AMOUNT				Values: 0 - 999999			
Universe: Related subfamilies (ftype = 3)				Universe: All Families			
POVLL	2	258	(-1:14)	FMOOP	7	281	(0:9999999)
RATIO OF FAMILY INCOME TO POVERTY THRESHOLD. IF FTYPE = 3, THEN VALUE COMES FROM PRIMARY FAMILY.				Family's total medical out of pocket expenditures. Sum of MOOP across family members.			
Values: -1 = NOT IN POVERTY UNIVERSE 01 = UNDER .50 02 = .50 TO .74 03 = .75 TO .99 04 = 1.00 TO 1.24 05 = 1.25 TO 1.49 06 = 1.50 TO 1.74 07 = 1.75 TO 1.99 08 = 2.00 TO 2.49 09 = 2.50 TO 2.99 10 = 3.00 TO 3.49 11 = 3.50 TO 3.99 12 = 4.00 TO 4.49 13 = 4.50 TO 4.99 14 = 5.00 AND OVER				Values: 0 - 9999999			
Universe: All families and unrelated individuals aged 15 and older				Universe: All Families			
				FMOOP2	7	288	(0:9999999)
				Family's total medical out of pocket expenditures with alternative measure of premiums. Sum of MOOP2 across family members.			
				Values: 0 - 9999999			
				Universe: All Families			
				FOTC_VAL	7	295	(0:9999999)
				Total amount paid in over the counter expenses by family			
				Values: 0 - 999999			
				Universe: All Families			
				I_FHIPVAL	2	302	(-1:3)
				Allocation flag for FHIP_VAL			
				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
				Universe: All Families			

Record Type: Family

Variable	Length	Position	Range	Variable	Length	Position	Range
I_FHIPVAL2	2	304	(-1:3)				
Allocation flag for FHIP_VAL2							
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation							
Universe: All Families							
I_FMEDVAL	2	306	(-1:3)				
Allocation flag for FMED_VAL							
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation							
Universe: All Families							
I_FMOOP	2	308	(-1:3)				
Allocation flag for FMOOP							
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation							
Universe: All Families							
I_FMOOP2	2	310	(-1:3)				
Allocation flag for FMOOP2							
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation							
Universe: All Families							
I_FOTCVAL	2	312	(-1:3)				
Allocation flag for FOTC_VAL							
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation							
Universe: All Families							

ASEC 2024 Public Use Data Dictionary

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
Topic: Record Identifiers							
SubTopic: Record Type							
PRECORD	1	1	(3:3)	PHF_SEQ	2	41	(01:16)
Record type. Used to identify records on ascii file.				Pointer to the sequence number of own family record in household. (Care should be exercised when using these data as the related subfamilies are a part of the primary family and usually their characteristics come from the primary family record)			
Values: 3 = person record				Values: 01:16			
Universe: All Persons				Universe: All Persons			
SubTopic: Match Keys							
A_LINENO	2	2	(01:16)	PPPOS	2	43	(41:56)
Roster line number				Person identifier. This field plus PH_SEQ results in a unique person number for the file.			
Values: 01:16				Values: 41:56 = index for person identifier			
Universe: All Persons				Universe: All Persons			
FILEDATE	6	4	()	SubTopic: Record Pointers			
File creation date in MMDDYY format				A_FAMNUM	2	45	(00:19)
Values: Date				Family number from Basic CPS			
Universe: All records				Values: 00 = Not a family member 01 = Primary family member only 02-19 = Subfamily member			
P_SEQ	2	10	(00:16)	Universe: All Persons			
Sequence number of person in hhld				A_SPOUSE	2	47	(00:16)
Values: 0-16				Spouse's line number			
Universe: All Persons				Values: 00 = None or children 01-16 = Spouse's line number			
PERIDNUM	22	12	(NA)	Universe: All Persons			
22-digit Unique Person identifier				PECOHAB	2	49	(-1:16)
Values: 22-digit Unique Person identifier				Line number of cohabiting Partner			
Universe: All Persons				Values: -1 = No Partner present 1-16 = Line Number			
PF_SEQ	2	34	(00:16)	Universe: All Persons			
Pointer to the sequence number of family record in household (Related subfamilies point to primary family)				PEPAR1	2	51	(-1:16)
Values: 00:16				Line number of Parent 1			
Universe: All Persons				Values: -1 = No Parent 1 present 1 = Min Value 16 = Max Value			
PH_SEQ	5	36	(00000:99999)	Universe: All Persons			
Household seq number				PEPAR2	2	53	(-1:16)
Values: 00001:99999				Line number of Parent 2			
Universe: All Persons				Values: -1 = No Parent 2 present 1 = Min Value 16 = Max Value			
				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
Topic: Weights							
SubTopic: Basic CPS							
A_ERNLWT	8	55	(00000000:99999999)	A_EXPRRP	2	82	(1:14)
(CPS variable pworwgt) Earnings/not in labor force weight				Expanded relationship code			
Values: 2 implied decimals (example: 255212=2552.12) 00000000 = Not in universe or Children and Armed Forces				Values: 1 = Reference person with relatives 2 = Reference person without relatives 3 = Husband 4 = Wife 5 = Own child 7 = Grandchild 8 = Parent 9 = Brother/sister 10 = Other relative 11 = Foster child 12 = Nonrelative with relatives 13 = Partner/roommate 14 = Nonrelative without relatives			
Universe: H_MIS=4 or 8				Universe: All Persons			
A_FNLWGT	8	63	(00000000:99999999)	A_FAMREL	1	84	(0:4)
(CPS variable pwsswgt) Final weight				Family relationship			
Values: 2 implied decimals (example: 255212=2552.12) 0 = Additional supplement sample				Values: 0 = Not a family member 1 = Reference person 2 = Spouse 3 = Child 4 = Other relative (primary family)			
Universe: All Persons				Universe: All Persons			
SubTopic: ASEC Supplement							
MARSUPWT	8	71	(00000000:99999999)	A_FAMTYP	1	85	(1:5)
ASEC Supplement final weight				Family type			
Values: 2 implied decimals (example: 255212=2552.12)				Values: 1 = Primary family 2 = Nonfamily householder 3 = Related subfamily 4 = Unrelated subfamily 5 = Secondary individual			
Universe: All persons				Universe: All Persons			
Topic: Demographics							
SubTopic: Individual Characteristics							
A_AGE	2	79	(00:85)	A_FTPT	1	86	(0:2)
Age				Is ... enrolled in school as a full-time or part-time student			
Values: 00-79 = 0-79 years of age 80 = 80-84 years of age 85 = 85+ years of age				Values: 0 = Not in universe or children and Armed Forces 1 = Full time 2 = Part time			
Universe: All Persons				Universe: A_ENRLW=1			
A_ENRLW	1	81	(0:2)				
Last week was ... attending or enrolled in a high school, college or university							
Values: 0 = Not in universe or children and Armed Forces 1 = Yes 2 = No							
Universe: A_AGE=16-54							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
A_HGA	2	87	(0:46)	AGE1	2	93	(0:17)
Item 18h - Educational attainment				Age recode - Persons 15+ years			
Values: 0 = Children				Values: 0 = Not in universe			
31 = Less than 1st grade				1 = 15 years			
32 = 1st,2nd,3rd,or 4th grade				2 = 16 and 17 years			
33 = 5th or 6th grade				3 = 18 and 19 years			
34 = 7th and 8th grade				4 = 20 and 21 years			
35 = 9th grade				5 = 22 to 24 years			
36 = 10th grade				6 = 25 to 29 years			
37 = 11th grade				7 = 30 to 34 years			
38 = 12th grade no diploma				8 = 35 to 39 years			
39 = High school graduate - high school diploma or equivalent				9 = 40 to 44 years			
40 = Some college but no degree				10 = 45 to 49 years			
41 = Associate degree in college - occupation/vocation program				11 = 50 to 54 years			
42 = Associate degree in college - academic program				12 = 55 to 59 years			
43 = Bachelor's degree (for example: BA,AB,BS)				13 = 60 to 61 years			
44 = Master's degree (for example: MA,MS,MENG,MED,MSW, MBA)				14 = 62 to 64 years			
45 = Professional school degree (for example: MD,DDS,DVM,LLB,JD)				15 = 65 to 69 years			
46 = Doctorate degree (for example: PHD,EDD)				16 = 70 to 74 years			
Universe: All Persons				17 = 75 years and over			
				Universe: All Persons			
A_HSCOL	1	89	(0:2)	FL_665	1	95	(1:3)
High School or College/University Enrollment Status				Supplement Interview Status			
Values: 0 = Not in universe or children and Armed Forces				Values: 0 = Complete nonresponse to supplement			
1 = High school				1 = Supplement interview			
2 = College or univ.				2 = Some supplement response but not enough for interview			
Universe: A_ENRLW=1				3 = Supplement interview but not enough income data			
				Universe: All Persons			
A_MARITL	1	90	(1:7)				
Marital status							
Values: 1 = Married - civilian spouse present							
2 = Married - AF spouse present							
3 = Married - spouse absent (exc.separated)							
4 = Widowed							
5 = Divorced							
6 = Separated							
7 = Never married							
Universe: All Persons							
A_PFREL	1	91	(0:5)				
Primary family relationship							
Values: 0 = Not in primary family							
1 = Husband							
2 = Wife							
3 = Own child							
4 = Other relative							
5 = Unmarried reference person							
Universe: All Persons							
A_SEX	1	92	(1:2)				
Sex							
Values: 1 = Male							
2 = Female							
Universe: All Persons							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
HHDFMX	2	96	(1:51)	HHDREL	1	98	(1:8)
Detailed household and family status				Detailed household summary			
Values: <u>In primary family:</u> 01 = Householder 02 = Spouse of householder <u>Child of householder:</u> <u>Under 18, single (never married):</u> 03 = Reference person of subfamily 04 = Not in a subfamily <u>Under 18, ever-married:</u> 05 = Reference person of subfamily 06 = Spouse of subfamily reference person 07 = Not in a subfamily <u>18 years and over, single (never married):</u> 08 = Head of a subfamily 09 = Not in a subfamily <u>18 years and over, ever-married:</u> 10 = Reference person of subfamily 11 = Spouse of subfamily reference person 12 = Not in a subfamily <u>Grandchild of householder:</u> <u>Under 18, single (never married):</u> 23 = Reference person of subfamily 24 = Child of a subfamily 25 = Not in a subfamily <u>Under 18, ever-married:</u> 26 = Reference person of subfamily 27 = Spouse of subfamily reference person 28 = Not used 29 = Not in a subfamily <u>18 years and over, single (never married):</u> 30 = Reference person of a subfamily 31 = Not in a subfamily <u>18 years and over, ever-married:</u> 32 = Reference person of subfamily 33 = Spouse of subfamily reference person 34 = Not in a subfamily <u>Other relative of householder:</u> <u>Under 18, single (never married):</u> 35 = Reference person of subfamily 36 = Child of subfamily reference person 37 = Not in a subfamily <u>Under 18, ever-married:</u> 38 = Reference person of subfamily 39 = Spouse of subfamily reference person 40 = Not in a subfamily <u>18 years and over, single (never married):</u> 41 = Reference person of a subfamily 42 = Not in a subfamily <u>18 years and over, ever-married:</u> 43 = Reference person of subfamily 44 = Spouse of subfamily reference person 45 = Not in a subfamily <u>In unrelated subfamily:</u> 46 = Reference person of unrelated subfamily 47 = Spouse of unrelated subfamily reference person 48 = Child < 18, single (never married) of unrelated subfamily reference person <u>Not in a family:</u> 49 = Nonfamily householder 50 = Secondary individual 51 = In group quarters				Values: <u>In household:</u> 1 = Householder 2 = Spouse of householder <u>Child of householder:</u> 3 = Under 18 years, single (never married) 4 = Under 18 years, ever married 5 = 18 years and over <u>Other household members:</u> 6 = Other relative of householder 7 = Nonrelative of householder <u>In group quarters:</u> 8 = Secondary individual			
Universe: All Persons				Universe: All Persons			
				P_STAT	1	99	(1:3)
				Status of person identifier			
				Values: 1 = Civilian 15+ 2 = Armed Forces 3 = Children 0 - 14			
				Universe: All Persons			
				PARENT	1	100	(0:4)
				Presence of parents			
				Values: 0 = Not in universe 1 = Both parents present 2 = Mother only present 3 = Father only present 4 = Neither parent present			
				Universe: Family members under 18 (excludes reference person and spouse if under 18.)			
				PEAFEVER	2	101	(-1:2)
				Did you ever serve on active duty in the U.S. Armed Forces?			
				Values: -1 = Not in universe 1 = Yes 2 = No			
				Universe: A_AGE greater than or equal to 17			
				PEAFWHN1	2	103	(-1:9)
				When did you serve?			
				Values: -1 = Not in universe 1 = September 2001 or later 2 = August 1990 to August 2001 3 = May 1975 to July 1990 4 = Vietnam Era (August 1964 to April 1975) 5 = February 1955 to July 1964 6 = Korean War (July 1950 to January 1955) 7 = January 1947 to June 1950 8 = World War II (December 1941 to December 1946) 9 = November 1941 or earlier			
				Universe: PEAFFEVER=1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PEAFWHN2	2	105	(-1:9)	PECERT3	2	115	(0:2)
When did you serve?				Is your certification required for your job? Main Job? Job from which you are on layoff? Job at which you last worked?			
Values: -1 = Not in universe 1 = September 2001 or later 2 = August 1990 to August 2001 3 = May 1975 to July 1990 4 = Vietnam Era (August 1964 to April 1975) 5 = February 1955 to July 1964 6 = Korean War (July 1950 to January 1955) 7 = January 1947 to June 1950 8 = World War II (December 1941 to December 1946) 9 = November 1941 or earlier Universe: PEAFEVER=1				Values: -1 = Not in universe 1 = Yes 2 = No Universe: PECERT1 = 1			
PEAFWHN3	2	107	(-1:9)	PEDISDRS	2	117	(-4:2)
When did you serve?				Does...have difficulty dressing or bathing?			
Values: -1 = Not in universe 1 = September 2001 or later 2 = August 1990 to August 2001 3 = May 1975 to July 1990 4 = Vietnam Era (August 1964 to April 1975) 5 = February 1955 to July 1964 6 = Korean War (July 1950 to January 1955) 7 = January 1947 to June 1950 8 = World War II (December 1941 to December 1946) 9 = November 1941 or earlier Universe: PEAFEVER=1				Values: -1 = NIU 1 = Yes 2 = No Universe: PRPERTYP = 2			
PEAFWHN4	2	109	(-1:9)	PEDISEAR	2	119	(-1:2)
When did you serve?				Is...deaf or does ...have serious difficulty hearing?			
Values: -1 = Not in universe 1 = September 2001 or later 2 = August 1990 to August 2001 3 = May 1975 to July 1990 4 = Vietnam Era (August 1964 to April 1975) 5 = February 1955 to July 1964 6 = Korean War (July 1950 to January 1955) 7 = January 1947 to June 1950 8 = World War II (December 1941 to December 1946) 9 = November 1941 or earlier Universe: PEAFEVER=1				Values: -1 = NIU 1 = Yes 2 = No Universe: PRPERTYP = 2			
PECERT1	2	111	(0:2)	PEDISEYE	2	121	(-1:2)
Do you have a currently active professional certification or a state or industry license?				Is...blind or does...have serious difficulty seeing even when Wearing glasses?			
Values: -1 = Not in universe 1 = Yes 2 = No Universe: PRPERTYP = 02				Values: -1 = NIU 1 = Yes 2 = No Universe: PRPERTYP = 2			
PECERT2	2	113	(0:2)	PEDISOUT	2	123	(-1:2)
Were any of your certifications or licenses issued by the federal, state, or local government?				Because of a physical, mental, or emotional condition, does...have difficulty doing errands alone such as visiting a doctor's office or shopping?			
Values: -1 = Not in universe 1 = Yes 2 = No Universe: PECERT1 = 1				Values: -1 = NIU 1 = Yes 2 = No Universe: PRPERTYP = 2			
PECERT3	2	115	(0:2)	PEDISPHY	2	125	(-1:2)
Is your certification required for your job? Main Job? Job from which you are on layoff? Job at which you last worked?				Does...have serious difficulty Walking or climbing stairs?			
Values: -1 = Not in universe 1 = Yes 2 = No Universe: PECERT1 = 1				Values: -1 = NIU 1 = Yes 2 = No Universe: PRPERTYP = 2			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PEDISREM	2	127	(-1:2)	PENATVTY	3	138	(-4:999)
Because of a physical, mental, or emotional condition, does...have serious difficulty concentrating, remembering, or making decisions?				In what country were you born?			
Values: -1 = NIU 1 = Yes 2 = No				Values: See Appendix H.			
Universe: PRPERTYP = 2				Universe: All Persons			
PEFNTVTY	3	129	(-4:999)	PEPAR1TYP	2	141	(-1:3)
In what country was your father born?				Demographics type of Parent 1 (PEPAR1)			
Values: See Appendix H.				Values: -1 = No Parent 1 present 1 = Biological 2 = Step 3 = Adopted			
Universe: All Persons				Universe: All Persons			
PEHSPNON	1	132	(1:2)	PEPAR2TYP	2	143	(-1:3)
Are you Spanish, Hispanic, or Latino?				Demographics type of Parent 2 (PEPAR2)			
Values: 1 = Yes 2 = No				Values: -1 = No Parent 2 present 1 = Biological 2 = Step 3 = Adopted			
Universe: All Persons				Universe: All Persons			
PEINUSYR	2	133	(0:26)	PERRP	2	145	(40:59)
When did you come to the U.S. to stay?				Expanded relationship categories			
Values: 00 = NIU 01 = Before 1950 02 = 1950-1959 03 = 1960-1964 04 = 1965-1969 05 = 1970-1974 06 = 1975-1979 07 = 1980-1981 08 = 1982-1983 09 = 1984-1985 10 = 1986-1987 11 = 1988-1989 12 = 1990-1991 13 = 1992-1993 14 = 1994-1995 15 = 1996-1997 16 = 1998-1999 17 = 2000-2001 18 = 2002-2003 19 = 2004-2005 20 = 2006-2007 21 = 2008-2009 22 = 2010-2011 23 = 2012-2013 24 = 2014-2015 25 = 2016-2017 26 = 2018-2019 27 = 2020-2021 28 = 2022-2024				Values: 40 = Reference Person with Relatives 41 = Reference Person without Relatives 42 = Opposite Sex Spouse 43 = Opposite Sex Unmarried Partner with Relatives 44 = Opposite Sex Unmarried Partner without Relatives 45 = Same Sex Spouse 46 = Same Sex Unmarried Partner with Relatives 47 = Same Sex Unmarried Partner without Relatives 48 = Child 49 = Grandchild 50 = Parent 51 = Brother/Sister 52 = Other relative of Reference Person 53 = Foster Child 54 = Housemate/Roommate with Relatives 55 = Housemate/Roommate without Relatives 56 = Roomer/Boarder with Relatives 57 = Roomer/Boarder without Relatives 58 = Other Nonrelative of Reference Person with Relatives 59 = Other Nonrelative of Reference Person without Relatives			
Universe: All Persons				Universe: All Persons			
PEMNTVTY	3	135	(-4:999)	PRCITSHP	1	147	(-4:5)
In what country was your mother born?				CITIZENSHIP GROUP			
Values: See Appendix H.				Values: 1 = Native, born in US 2 = Native, born in PR or US outlying area 3 = Native, born abroad of US parent(s) 4 = Foreign born, US cit by naturalization 5 = Foreign born, not a US citizen			
Universe: All Persons				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range	
PRDASIAN	2	148	(-1:7)	PRDTRACE	2	153	(1:26)	
Detailed Asian Subgroup				Race				
Values: -1 = NIU 1 = Asian Indian 2 = Chinese 3 = Filipino 4 = Japanese 5 = Korean 6 = Vietnamese 7 = Other Asian				Values: 01 = White only 02 = Black only 03 = American Indian, Alaskan Native only (AI) 04 = Asian only 05 = Hawaiian/Pacific Islander only (HP) 06 = White-Black 07 = White-AI 08 = White-Asian 09 = White-HP 10 = Black-AI 11 = Black-Asian 12 = Black-HP 13 = AI-Asian 14 = AI-HP 15 = Asian-HP 16 = White-Black-AI 17 = White-Black-Asian 18 = White-Black-HP 19 = White-AI-Asian 20 = White-AI-HP 21 = White-Asian-HP 22 = Black-AI-Asian 23 = White-Black-AI-Asian 24 = White-AI-Asian-HP 25 = Other 3 race comb. 26 = Other 4 or 5 race comb.				
Universe: PRDTRACE = 04				Universe: All Persons				
PRDISFLG	2	150	(-1:2)	PRPERTYP	1	155	(-4:3)	
Does this person have any of these disability conditions?				Type of person record recode				
Values: -1 = NIU 1 = Yes 2 = No				Values: 1 = Child household member 2 = Adult civilian household member 3 = Adult Armed Forces household member				
Universe: PRPERTYP = 2				Universe: All Persons				
PRDTHSP	1	152	(0:8)	SubTopic: Allocation Flags				
Detailed Hispanic recode				AXAGE	1	156	(0:4)	
Values: 0 = Not in universe 1 = Mexican 2 = Puerto Rican 3 = Cuban 4 = Dominican 5 = Salvadoran 6 = Central American, (exc. Salv) 7 = South American 8 = Other Hispanic				Allocation flag for A_AGE				
Universe: PEHSPNON=1				Values: 0 =No change 4=Allocated				
				Universe: All Persons				
				AXENRLW	1	157	(0:4)	
				Allocation flag for A_ENRLW				
				Values: 0 = No change or children or armed forces 4 = Allocated				
				Universe: All Persons				
				AXFTPT	1	158	(0:4)	
				Allocation flag for A_FTPT				
				Values: 0 = No change or children or armed forces 4 = Allocated				
				Universe: All Persons				

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
AXHGA	1	159	(0:4)	PXAFWHN1	2	164	(-1:53)
Allocation flag for A_HGA				Allocation flag for PEAFWHN1			
Values: 0 = No change 4 = Allocated				Values: -1 = Not allocated 00 = Value - no change 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank			
Universe: All Persons				Universe: PEAFEVER=1			
AXHSCOL	1	160	(0:4)	PXCERT1	2	166	(0:53)
Allocation flag for A_HSCOL				Allocation flag for PECERT1			
Values: 0 = No change or children or armed forces 4 = Allocated				Values: -1 = Not in Universe for Certification Edit 00 = Not allocated 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank			
Universe: All Persons				Universe: All Persons			
AXSEX	1	161	(0:4)	PXCERT2	2	168	(0:53)
Allocation flag for A_SEX				Allocation flag for PECERT2			
Values: 0 = No change 4 = Allocated				Values: values are the same as PXCERT1			
Universe: All Persons				Universe: All Persons			
PXAFEVER	2	162	(0:53)				
Allocation flag for PEAFEVER							
Values: 00 = Value - no change or NIU 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank							
Universe: All Persons							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PXCERT3	2	170	(0:53)	PXDISEAR	2	176	(-1:53)
Allocation flag for PECERT3				Allocation Flag			
Values: values are the same as PXCERT1				Values: -1 = Not allocated			
Universe: All Persons				00 = Value - no change			
				01 = Blank - no change			
				02 = Don't know - no change			
				03 = Refused - no change			
				10 = Value to value			
				11 = Blank to value			
				12 = Don't know to value			
				13 = Refused to value			
				20 = Value to longitudinal value			
				21 = Blank to longitudinal value			
				22 = Don't know to longitudinal value			
				23 = Refused to longitudinal value			
				30 = Value to allocated value long			
				31 = Blank to allocated value long			
				32 = Don't know to allocated value long			
				33 = Refused to allocated value long			
				40 = Value to allocated value			
				41 = Blank to allocated value			
				42 = Don't know to allocated value			
				43 = Refused to allocated value			
				50 = Value to blank			
				52 = Don't know to blank			
				53 = Refused to blank			
Universe: All Persons				Universe: All Persons			
				PXDISEYE	2	178	(-1:53)
				Allocation Flag			
				Values: Values same as PXDISEAR			
				Universe: All Persons			
				PXDISOUT	2	180	(-1:53)
				Allocation Flag			
				Values: Values same as PXDISEAR			
				Universe: All Persons			
				PXDISPHY	2	182	(-1:53)
				Allocation Flag			
				Values: Values same as PXDISEAR			
				Universe: All Persons			
				PXDISREM	2	184	(-1:53)
				Allocation Flag			
				Values: Values same as PXDISEAR			
				Universe: All Persons			
				PXFNTVTY	2	186	(0:53)
				Allocation flag for PEFNTVTY			
				Values: Same as PXNATVTY			
				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PXHSPNON	2	188	(0:53)	PXMNTVTY	2	194	(0:53)
Allocation flag for PEHSPNON				Allocation flag for PEMNTVTY			
Values: 00 = Not allocated 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank				Values: Same as PXNATVTY Universe: All Persons			
Universe: All Persons							
PXINUSYR	2	190	(0:53)	PXNATVTY	2	196	(0:53)
Allocation flag for PEINUSYR				Allocation flag for PENATVTY			
Values: Same as PXNATVTY Universe: All Persons				Values: 00 = Not allocated 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank			
Universe: All Persons				Universe: All Persons			
PXMARITL	2	192	(-4:53)	PXPAR1	2	198	(-1:53)
Allocation flag for A_MARITL				Demographics Allocation flag for PEPAR1			
Values: -1 = Not allocated 00 = Value - no change 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank				Values: 00 = Not allocated 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank			
Universe: All persons 15+				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PXPAR1TYP	2	200	(-1:53)	PXRRP	2	208	(-4:53)
Allocation flag for PEPAR1TYP				Allocation flag for PERRP			
Values: Same as PXPAR1				Values: -1 = Not allocated			
Universe: All Persons				00 = Value - no change			
				01 = Blank - no change			
				02 = Don't know - no change			
				03 = Refused - no change			
				10 = Value to value			
				11 = Blank to value			
				12 = Don't know to value			
				13 = Refused to value			
				20 = Value to longitudinal value			
				21 = Blank to longitudinal value			
				22 = Don't know to longitudinal value			
				23 = Refused to longitudinal value			
				30 = Value to allocated value long			
				31 = Blank to allocated value long			
				32 = Don't know to allocated value long			
				33 = Refused to allocated value long			
				40 = Value to allocated value			
				41 = Blank to allocated value			
				42 = Don't know to allocated value			
				43 = Refused to allocated value			
				50 = Value to blank			
				52 = Don't know to blank			
				53 = Refused to blank			
				Universe: All persons			
				Topic: Basic CPS Items			
				SubTopic: Edited Labor Force Items			
				A_HRS1	2	210	(-1:99)
				How many hrs did ... work last week at all jobs?			
				Values: -1 = Not in universe			
				00 = Children and Armed Forces			
				01-99 = Number of hrs			
				Universe: PEMLR=1			
				A_MJIND	2	212	(-1:14)
				Major industry code			
				Values: 0 = Not in universe, or children			
				1 = Agriculture, forestry, fishing, and hunting			
				2 = Mining, quarrying, and oil and gas extraction			
				3 = Construction			
				4 = Manufacturing			
				5 = Wholesale and retail trade			
				6 = Transportation, warehousing and utilities			
				7 = Information			
				8 = Finance and insurance, and real estate and rental and leasing			
				9 = Professional, scientific, management and administrative, and waste management services			
				10 = Educational services, and health care and social assistance			
				11 = Arts, entertainment, recreation and accommodation, and food services			
				12 = Other services, except public administration			
				13 = Public administration			
				14 = Military			
				Universe: A_CLSWKR = 1-7			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
A_MJOCC	2	214	(-1:11)	PRDISC	1	228	(0:3)
Major occupation recode				Discouraged worker recode			
Values: 0 = Not in universe or children 1 = Management, business, and financial occupations 2 = Professional and related occupations 3 = Service occupations 4 = Sales and related occupations 5 = Office and administrative support occupations 6 = Farming, fishing, and forestry occupations 7 = Construction and extraction occupations 8 = Installation, maintenance, and repair occupations 9 = Production occupations 10 = Transportation and material moving occupations 11 = Military specific occupations				Values: 0 = NIU 1 = Discouraged worker 2 = Conditionally interested 3 = Not available			
Universe: A_CLSWKR=1-7				Universe: All Persons			
PEABRSN	2	216	(0:14)	PRUNTYPE	1	229	(0:6)
What was the main reason...was absent from work last week?				Reason for unemployment			
Values: 0 = NIU 2 = Slack work/business conditions 4 = Vacation/personal days 5 = Own illness/injury/medical problems 6 = Child care problems 7 = Other family/personal obligation 8 = Maternity/paternity leave 9 = Labor dispute 10 = Weather affected job 11 = School/training 12 = Civic/military duty 13 = Does not work in the business 14 = Other (specify)				Values: 0 = NIU 1 = Job loser/on layoff 2 = Other job loser 3 = Temporary job ended 4 = Job leaver 5 = Re-entrant 6 = New-entrant			
Universe: PEMLR = 2				Universe: All Persons			
PEIO1COW	2	218	(-4:11)	SubTopic: Edited Earnings Items			
Individual class of worker on first job.				A_GRSWK	4	230	(0:2885)
Values: 0 = NIU 1 = Government-federal 2 = Government-state 3 = Government - local 4 = Private, for profit 5 = Private, nonprofit 6 = Self-employed, incorporated 7 = Self-employed, unincorporated 8 = Without pay				How much does ... usually earn per week at this job before deductions , subject to topcoding, the higher of either the amount of item 25a times Item 25c or the actual item 25d entry will be present.			
Universe: All Persons				Values: 0000 = Not in universe or children or Armed Forces 0001-2885 = Dollar amount			
PEIOIND	4	220	(0:9999)	Universe: PRERELG=1			
Industry				A_HERNTF	1	234	(0:1)
Values: 0 = Not in universe or children See Appendix A for list of legal codes				Current earnings - Hourly pay Topcoded flag			
Universe: CLSWKR = 1-7				Values: 0 = Not topcoded 1 = Topcoded			
PEIOOCC	4	224	(-1:9999)	Universe: All Persons			
Occupation				A_HRLYWK	1	235	(0:2)
Values: -1 = Not in universe or children See Appendix B for list of legal codes				Is ... paid by the hour on this job?			
Universe: CLSWKR = 1-7				Values: 0 = Not in universe or children and Armed Forces 1 = Yes 2 = No			
				Universe: PRERELG=1			
				A_HRSPAY	4	236	(0:9999)
				How much does ... earn per hour?			
				Values: 0000 = Not in universe or children and Armed Forces 0001-9999 = Entry (2 implied decimal places)			
				Universe: A_HRLYWK=1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PRERELG	1	240	(0:1)	A_FTLF	1	249	(0:1)
Earnings eligibility flag				Full/time labor force			
Values: 0 = Not earnings eligible 1 = Earnings eligible				Values: 0 = Not in universe or children and Armed Forces 1 = In universe			
Universe: All Persons				Universe: PEMLR=1-4			
PRWERNAL	1	241	(0:1)	A_LFSR	1	250	(0:7)
Allocation flag for A_GRSWK				Labor force status recode			
Values: 0 = Not allocated 1 = Allocated				Values: 0 = Children or Armed Forces 1 = Working 2 = With job, not at work 3 = Unemployed, looking for work 4 = Unemployed, on layoff 7 = Nilf			
Universe: PRERELG=1				Universe: All Persons			
SubTopic: Labor Force Person Recodes				A_NLFLJ	1	251	(-1:7)
A_CIVLF	1	242	(0:1)	When did ... last work for pay at a regular job or business, either full- time or part-time			
Civilian labor force				Values: 0 = Not in universe or children and Armed Forces 1 = Within a past 12 months 3 = More than 12 months ago 7 = Never worked			
Values: 0 = Not in universe or children and Armed Forces 1 = In universe				Universe: PEMLR=5,6,or 7			
Universe: All Persons				A_PAYABS	1	252	(0:3)
A_CLSWKR	1	243	(0:8)	Is ... receiving wages or salary for any of the time off last week?			
Class of worker				Values: 0 = Not in universe or children and Armed Forces 1 = Yes 2 = No 3 = Self-employed			
Values: 0 = Not in universe or children and Armed Forces 1 = Private 2 = Federal government 3 = State government 4 = Local government 5 = Self-employed-incorporated 6 = Self-employed-not incorporated 7 = Without pay 8 = Never worked				Universe: PEMLR = 2			
Universe: PEMLR=1-3 or (PEMLR=4-7 and person worked in the last 12 months)				A_UNCOV	1	253	(0:2)
A_DTIND	2	244	(0:52)	On this job, is ... covered by a union or employee association contract?			
Detailed industry recode				Values: 0 = Not in universe or children and Armed Forces 1 = Yes 2 = No			
See Appendix A for list of legal codes				Universe: A_UNMEM=2			
Values: 00=Not in universe or children or Armed Forces				A_UNMEM	1	254	(0:2)
Universe: A_CLSWKR=1-7				On this job, is ... a member of a labor union or of an employee association similar to a union?			
A DTOCC	2	246	(0:23)	Values: 0 = Not in universe or children and Armed Forces 1 = Yes 2 = No			
Detailed occupation recode				Universe: PRERELG=1			
See Appendix B for list of legal codes				A_EXPLF	1	248	(0:2)
Values: 00 =Not in universe for children or Armed Forces				Experienced labor force employment status			
Universe: A_CLSWKR=1-7				Values: 0 = Not in experienced labor force 1 = Employed 2 = Unemployed			
A_EXPLF	1	248	(0:2)	Universe: PEMLR=1-4			
Experienced labor force employment status							
Values: 0 = Not in experienced labor force 1 = Employed 2 = Unemployed							
Universe: PEMLR=1-4							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
A_UNTYPE	1	255	(0:5)	A_WHYABS	1	262	(0:8)
Reason for unemployment				Why was ... absent from work last week?			
Values: 0 = Not in universe or children and Armed Forces 1 = Job loser - on layoff 2 = Other job loser 3 = Job leaver 4 = Re-entrant 5 = New entrant				Values: 0 = Not in universe or children and Armed Forces 1 = Own illness 2 = On vacation 3 = Bad weather 4 = Labor dispute 8 = Other			
Universe: A_LFSR=3 or 4				Universe: PEMLR=2			
A_USLFT	1	256	(0:2)	A_WKSCH	1	263	(0:4)
Does ... usually work 35 hrs or more a week at this job?				Labor force by time worked or lost			
Values: 0 = Not in universe or children and Armed Forces 1 = Yes 2 = No				Values: 0 = Not in universe 1 = At work 2 = With job, not at work 3 = Unemployed, seeks FT 4 = Unemployed, seeks PT			
Universe: A_HRS1 LE 34				Universe: All Persons			
A_USLHRS	2	257	(-4:99)	A_WKSLK	3	264	(0:99)
How many hrs per week does ... usually work at this job?				Duration of unemployment			
Values: -4 = Hours vary -1 = Not in universe 00 = None, no hours 01-99 = Entry				Values: 000 = NIU, Children or Armed Forces 001-999 = Entry			
Universe: All Persons				Universe: PEMLR=3 or 4			
A_WANTJB	1	259	(0:2)	A_WKSTAT	1	267	(0:7)
Does ... want a regular job now, either full or part-time?				Full/part-time status			
Values: 0 = Not in universe or children and Armed Forces 1 = Yes 2 = No				Values: 0 = Children or Armed Forces 1 = Not in labor force 2 = Full-time schedules 3 = Part-time for economic reasons, usually FT 4 = Part-time for non-economic reasons, usually PT 5 = Part-time for economic reasons, usually PT 6 = Unemployed FT 7 = Unemployed PT			
Universe: PEMLR=5,6,7				Universe: All Persons			
A_WERNTF	1	260	(0:1)	PEHRUSLT	3	268	(-4:198)
Current earnings - Weekly pay Topcoded flag				Hours usually worked last week			
Values: 0 = Not topcoded 1 = Topcoded				Values: -4 = Hours vary -1 = NIU - adult civilian 000 = NIU - children or Armed Forces or no hours 1-198 = # of hours			
Universe: All Persons				Universe: All Persons			
A_WHENLJ	1	261	(0:5)				
When did ... last work?							
Values: 0 = Not in universe or children and Armed Forces 1 = In last 12 months 2 = More than 12 months ago 5 = Never worked at all							
Universe: PEMLR=4							

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
PEMLR	1	271	(0:7)	PRWKSTAT	2	276	(0:12)
Major labor force recode				Full/part-time work status			
Values: 0 = NIU 1 = Employed - at work 2 = Employed - absent 3 = Unemployed - on layoff 4 = Unemployed - looking 5 = Not in labor force - retired 6 = Not in labor force - disabled 7 = Not in labor force - other				Values: 00 = NIU 01 = Not in labor force 02 = FT hours (35+), usually FT 03 = PT for economic reasons, usually FT 04 = PT for non-economic reasons, usually FT 05 = Not at work, usually FT 06 = PT hrs, usually PT for economic reasons 07 = PT hrs, usually PT for non-economic 08 = FT hours, usually PT for economic reasons 09 = FT hours, usually PT for non-economic reasons 10 = Not at work, usually part-time 11 = Unemployed FT 12 = Unemployed PT			
Universe: All Persons				Universe: All Persons			
PRCOW1	1	272	(0:6)				
Class of worker recode-job 1							
Values: 0 = NIU 1 = Federal govt 2 = State govt 3 = Local govt 4 = Private (incl. self-employed incorp.) 5 = Self-employed, unincorp. 6 = Without pay							
Universe: All Persons							
PRNLFSCH	1	273	(0:2)				
Not in Labor Force (NLF) activity in school or not in school							
Values: 0 = NIU 1 = In school 2 = Not in school							
Universe: All Persons							
PRPTREA	2	274	(0:23)				
Detailed reason for part-time							
Values: 0 = NIU 1 = Usually FT - slack work/business conditions 2 = Usually FT - seasonal work 3 = Usually FT - job started/ended during week 4 = Usually FT - vacation/personal day 5 = Usually FT - own illness/injury/medical appt 6 = Usually FT - holiday (religious or legal) 7 = Usually FT - child care problems 8 = Usually FT - other fam/pers obligations 9 = Usually FT - labor dispute 10 = Usually FT - weather affected job 11 = Usually FT - school/training 12 = Usually FT - civic/military duty 13 = Usually FT - other reason 14 = Usually PT - slack work/business conditions 15 = Usually PT - PT could only find PT work 16 = Usually PT - seasonal work 17 = Usually PT - child care problems 18 = Usually PT - other fam/pers obligations 19 = Usually PT - health/medical limitations 20 = Usually PT - school/training 21 = Usually PT - retired/social security limit on earnings 22 = Usually PT - workweek<35 hours 23 = Usually PT - other							
Universe: Part time workers							
SubTopic: Allocation Flags							
AXCLSWKR	1	278	(0:4)				
Allocation flag for A_CLSWKR							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							
AXHRLYWK	1	279	(0:4)				
Allocation flag for A_HRLYWK							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							
AXHRS	1	280	(0:4)				
Allocation flag for A_HRS							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							
AXLFSR	1	281	(0:4)				
Allocation flag for A_LFSR							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							
AXNLFLJ	1	282	(0:4)				
Allocation flag for A_NLFLJ							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
AXPAYABS	1	283	(0:4)	PXSPOUSE	2	291	(-4:53)
Allocation flag for A_PAYABS				Allocation flag for A_SPOUSE			
Values: 0 = No change or children or armed forces 4 = Allocated				Values: -1 = Not allocated 00 = Value - no change 01 = Blank - no change 02 = Don't know - no change 03 = Refused - no change 10 = Value to value 11 = Blank to value 12 = Don't know to value 13 = Refused to value 20 = Value to longitudinal value 21 = Blank to longitudinal value 22 = Don't know to longitudinal value 23 = Refused to longitudinal value 30 = Value to allocated value long 31 = Blank to allocated value long 32 = Don't know to allocated value long 33 = Refused to allocated value long 40 = Value to allocated value 41 = Blank to allocated value 42 = Don't know to allocated value 43 = Refused to allocated value 50 = Value to blank 52 = Don't know to blank 53 = Refused to blank			
Universe: All Persons				Universe: A_MARITL=1 or 2			
AXUNCOV	1	284	(0:4)				
Allocation flag for A_UNCOV							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							
AXUNMEM	1	285	(0:4)				
Allocation flag for A_UNMEM							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							
AXUSLHRS	1	286	(0:4)				
Allocation flag for A_USLHRS							
Values: 0 = No change or children or armed forces 4 = Allocated							
Universe: All Persons							
AXWHYABS	1	287	(0:4)	CLWK	1	293	(0:5)
Allocation flag for A_WHYABS				LONGEST JOB CLASS OF WORKER (RECODE)			
Values: 0 = No change or children or armed forces 4 = Allocated				Values: 0 = NIU 1 = PRIVATE 2 = GOVERNMENT 3 = SELF-EMPLOYED 4 = WITHOUT PAY 5 = NEVER WORKED			
Universe: All Persons				Universe: All Persons aged 15+			
PRCITFLG	2	288	(0:53)				
Allocation flag for PRCITSH							
Values: 00 = Value - no change 10 = Value to value 21 = Blank to longitudinal value 40 = Value to allocated value 41 = Blank to allocated value				EARNER			
Universe: All persons				EARNER STATUS RECODE			
				Values: 0 = NIU 1 = EARNER 2 = NONEARNER			
				Universe: All Persons aged 15+			
PRHERNAL	1	290	(0:1)	HRCHECK	1	295	(0:2)
Allocation flag for A_HRSPAY				interviewer check item - number of hours in item 41 is?			
Values: 0 = Not allocated 1 = Allocated				Values: 0 = niu 1 = part time 2 = full time			
Universe: All Persons				Universe: WKSWORK > 0			

Topic: Work Experience

SubTopic: General

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
HRSWK	2	296	(0:99)	LOSEWKS	1	307	(0:2)
In the weeks that ... worked how many hours did ... usually work per week?				Did ... lose any full weeks of work in 20.. because was on layoff from a job or lost a job?			
Values: 0 = niu 1 = 1 hour ... 99 = 99 hours plus				Values: 0 = niu 1 = yes 2 = no			
Universe: WKSWORK > 0				Universe: WKSWORK = 50 or 51			
INDUSTRY	4	298	(0:9999)	NOEMP	1	308	(0:6)
Industry of longest job last year. See Appendix A for values.				Counting all locations where this employer operates, what is the total number of persons who work for ...'s employer?			
Values: 0 = niu 1-9999 = industry code				Values: 0 = niu 1 = under 10 2 = 10 - 24 3 = 25 - 99 4 = 100 - 499 5 = 500 - 999 6 = 1000+			
Universe: WKSWORK > 0				Universe: WKSWORK > 0			
LJCW	1	302	(0:7)	NWLKWK	2	309	(0:52)
longest job class of worker				How many different weeks was ... looking for work or on layoff?			
Values: 0 = niu 1 = private 2 = federal 3 = state 4 = local 5 = self employed incorporated, yes 6 = self employed incorporated, no or farm 7 = without pay				Values: 0 = niu 1 = 1 week ... 52 = 52 weeks			
Universe: WKSWORK > 0				Universe: NWLOOK = 1			
LKNONE	1	303	(0:1)	NWLOOK	1	311	(0:2)
You said... worked about (entry in item 33) weeks in 20... how many of the remaining (52 minus entry in item 33) weeks was ... looking for work or on layoff from a job?				Even though ... did not work in 20.. did spend and time trying to find a job or on layoff?			
Values: 0 = niu 1 = no weeks looking for work or on layoff				Values: 0 = niu 1 = yes 2 = no			
Universe: WKSWORK = 1-51				Universe: WORKYN = 2			
LKSTRCH	1	304	(0:3)	OCCUP	4	312	(0:9999)
Were the (entry in item 36) weeks ... was looking for work (or on layoff), all in one stretch?				Occupation of longest job last year. See Appendix B for values.			
Values: 0 = niu 1 = yes, 1 stretch 2 = no, 2 stretches 3 = no, 3 plus stretches				Values: 0 = niu; 1-9999 = occupation code			
Universe: Entry in LKWEEKS				Universe: WKSWORK > 0			
LKWEEKS	2	305	(0:51)	PHMEMPRS	1	316	(0:3)
In how many of the remaining weeks was ... looking for work or on layoff from a job?				For how many employers did ... work in 20..? if more than one at same time, only count it as one employer.			
Values: 0 = niu 1 = 01 weeks ... 51 = 51 weeks				Values: 0 = niu 1 = one employer 2 = two employers 3 = 3 or more employers			
Universe: WKSWORK = 1-51				Universe: WKSWORK > 0			
				POCCU2	2	317	(0:53)
				OCCUP. OF LONGEST JOB BY DETAILED GROUPS			
				Values: See Appendix B for values and descriptions			
				Universe: WKSWORK > 0			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
PTRSN	1	319	(0:4)	WECLW	1	325	(0:9)
What was the main reason ... worked less than 35 hours per week?				PERSONS 15+ -- LONGEST JOB CLASS OF WORKER			
Values: 0 = niu 1 = could only find pt job 2 = wanted part time 3 = slack work 4 = other				Values: 0 = NOT IN UNIVERSE <u>AGRICULTURE:</u> 1 = WAGE AND SALARY 2 = SELF-EMPLOYED 3 = UNPAID <u>NONAGRICULTURE:</u> 4 = PRIVATE HOUSEHOLD 5 = OTHER PRIVATE 6 = GOVERNMENT 7 = SELF-EMPLOYED 8 = UNPAID 9 = NEVER WORKED			
Universe: PTYN=1 or HRCHECK=1				Universe: All Persons aged 15+			
PTWEEKS	2	320	(0:52)	WEIND	2	326	(0:23)
How many weeks did ... work less than 35 hours in 20..?				IND. OF LONGEST JOB BY DETAILED GROUPS			
Values: 0 = niu 1 = 1 week ... 52 = 52 weeks				Values: 1 = Agriculture, forestry, fishing, and hunting 2 = Mining, Quarrying, and Oil and Gas Extraction 3 = Construction 4 = Durable goods manufacturing 5 = Nondurable goods manufacturing 6 = Wholesale trade 7 = Retail trade 8 = Transportation and warehousing 9 = Utilities 10 = Information 11 = Finance and insurance 12 = Real estate and rental and leasing 13 = Professional, scientific, & technical services 14 = Management of companies and enterprises, administrative and support, and waste management services 15 = Educational services 16 = Health care and social assistance 17 = Arts, entertainment, and recreation 18 = Accommodations and food service 19 = Private households 20 = Other services, except private households and public administration 21 = Public administration 22 = Military 23 = Never Worked			
Universe: PTYN=1 or HRCHECK=1				Universe: All Persons aged 15+			
PTYN	1	322	(0:2)	WELKNW	1	328	(0:7)
Did ... work less than 35 hours for at least one week in 20..? (exclue time off with pay because of holidays, vacation, days off, or sickness.)				WEEKS LOOKING - NONWORKERS RECODE			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = NIU 1 = NONE (NOT LOOKING FOR WORK) 2 = 1 TO 4 WEEKS LOOKING 3 = 5 TO 14 WEEKS LOOKING 4 = 15 TO 26 WEEKS LOOKING 5 = 27 TO 39 WEEKS LOOKING 6 = 40 OR MORE WEEKS LOOKING 7 = WORKERS WHOSE ENTRIES			
Universe: HRCHECK = 2				Universe: All Persons aged 15+			
PYRSN	1	323	(0:6)				
What was the main reason ... was not working or looking for work in the remaining weeks of 20..?							
Values: 0 = niu 1 = ill or disabled 2 = taking care of home 3 = going to school 4 = retired 5 = no work available 6 = other							
Universe: Sum of entries in WKSWORK and LKWEEKS add to a number less than 52							
RSNNOTW	1	324	(0:6)				
What was the main reason ... did not work in 20..?							
Values: 0 = niu 1 = ill or disabled 2 = retired 3 = taking care of home 4 = going to school 5 = could not find work 6 = other							
Universe: WORKYN = 2							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
WEMIND	2	329	(0:15)	WKCHECK	1	337	(0:3)
IND. OF LONGEST JOB BY MAJOR IND. GROUPS				Interviewer check item - number of weeks in item 34			
Values: 0 = NIU See Appendix A for vlaues.				Values: 0 = niu 1 = 1-49 weeks 2 = 50-51 weeks 3 = 52 weeks			
Universe: All Persons aged 15+				Universe: Persons 15+ with WORKYN = 1			
WEMOCG	2	331	(0:24)	WKSWORK	2	338	(0:52)
OCCUP. OF LONGEST JOB BY MAJOR GROUPS				During 20.. in how many weeks did ... work even for a few hours? (include paid vacation and sick leave as work.)			
Values: 0 = NIU See Appendix B for values.				Values: 0 = niu 1 = 1 week ... 52 = 52 weeks			
Universe: All Persons aged 15+				Universe: Persons 15+ with WORKYN = 1			
WEUEMP	1	333	(0:9)	WORKYN	1	340	(0:2)
PART YEAR WORKER WEEKS RECODE LOOKING				Did ... work at a job or business at any time during 20..?			
Values: 0 = NIU 1 = NONE 2 = 1 TO 4 WEEKS 3 = 5 TO 10 WEEKS 4 = 11 TO 14 WEEKS 5 = 15 TO 26 WEEKS 6 = 27 TO 39 WEEKS 7 = 40 OR MORE WEEKS 8 = FULL YEAR WORKER 9 = NONWORKER				Values: 0 = niu 1 = yes 2 = no			
Universe: All Persons aged 15+				Universe: All Persons aged 15+			
WEWKRS	1	334	(0:5)	WRK_CK	1	341	(0:2)
WEEKS WORKED RECODE				Worked last year recode, including temporary and part-time			
Values: 0 = NIU <u>FULL YEAR WORKER:</u> 1 = FULL TIME 2 = PART TIME <u>PART YEAR WORKER:</u> 3 = FULL TIME 4 = PART TIME 5 = NONWORKER				Values: 0 = niu 1 = yes 2 = no			
Universe: All Persons aged 15+				Universe: All persons 15+			
WEXP	2	335	(0:13)	WTEMP	1	342	(0:2)
WORKED FULL/PART TIME RECODE				Did ... do any temporary, part-time, or seasonal work even for a few days during 20..?			
Values: 00 = NIU WORKED <u>FULL TIME:</u> 01 = 50 TO 52 WEEKS 02 = 48 TO 49 WEEKS 03 = 40 TO 47 WEEKS 04 = 27 TO 39 WEEKS 05 = 14 TO 26 WEEKS 06 = 13 WEEKS OR LESS WORKED <u>PART TIME:</u> 07 = 50 TO 52 WEEKS 08 = 48 TO 49 WEEKS 09 = 40 TO 47 WEEKS 10 = 27 TO 39 WEEKS 11 = 14 TO 26 WEEKS 12 = 13 WEEKS OR LESS 13 = NONWORKER				Values: 0 = niu 1 = yes 2 = no			
Universe: All Persons aged 15+				Universe: WORKYN = 2			
SubTopic: Allocation Flags							
I_HRCHK	1	343	(0:9)	I_HRSWK	1	344	(0:9)
Allocation flag for HRCHECK				Allocation flag for HRSWK			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: HRCHECK > 0				Universe: HRSWK > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_INDUS	1	345	(0:9)	I_NWLOOK	1	352	(0:9)
Allocation flag for INDUSTRY				Allocation flag for NWLOOK			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: WKSWORK > 0				Universe: NWLOOK > 0			
I_LJCW	1	346	(0:9)	I_OCCUP	1	353	(0:9)
Allocation flag for LJCW				Allocation flag for OCCUP			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: LJCW > 0				Universe: WKSWORK > 0			
I_LKSTR	1	347	(0:9)	I_PHMEMPR	1	354	(0:9)
Allocation flag for LKSTRCH				Allocation flag for PHMEMPRS			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: LKSTRCH > 0				Universe: PHMEMPRS > 0			
I_LK WEEK	1	348	(0:9)	I_PTRSN	1	355	(0:9)
Allocation flag for LK WEEKS				Allocation flag for PTRSN			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: LK WEEKS > 0				Universe: PTRSN			
I_LOSEWK	1	349	(0:9)	I_PT WKS	1	356	(0:9)
Allocation flag for LOSEWKS				Allocation flag for PT WEEKS			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: LOSEWKS > 0				Universe: PT WEEKS > 0			
I_NOEMP	1	350	(0:9)	I_PT YN	1	357	(0:9)
Allocation flag for NOEMP				Allocation flag for PTYN			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: NOEMP > 0				Universe: PTYN > 0			
I_NWLKWK	1	351	(0:9)	I_PYRSN	1	358	(0:9)
Allocation flag for NWLKWK				Allocation flag for PYRSN			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: NWLKWK > 0				Universe: PYRSN > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_RSNNOT	1	359	(0:9)	ERN_SRCE	1	365	(0:4)
Allocation flag for RSNNOTW				source of earnings from longest job			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = niu 1 = wage and salary 2 = self employment 3 = farm self employment 4 = without pay			
Universe: RSNNOTW > 0				Universe: ERN_YN = 1			
I_WKCHK	1	360	(0:9)	ERN_VAL	7	366	(-999999:9999999)
Allocation flag for WKCHECK				How much did ... earn from this employer before deductions in 20..? what was ... net earnings from this business/ farm after expenses during 20..?			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = none or NIU -9,999 - 9,999,999 = wages & self-employment			
Universe: WKCHECK > 0				Universe: ERN_YN = 1			
I_WKSWK	1	361	(0:9)	ERN_YN	1	373	(0:2)
Allocation flag for WKSWORK				Earnings from employer or net earnings from business/ farm after expenses from longest job during 20.. ?			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = niu 1 = yes 2 = no			
Universe: WKSWORK > 0				Universe: WORKYN=1 OR WTEMP=1			
I_WORKYN	1	362	(0:9)	FRM_VAL	7	374	(-999999:9999999)
Allocation flag for WORKYN				amount of farm self-employment earnings from secondary source			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = none or niu; -999999-9999999 = farm self employment			
Universe: All persons 15+				Universe: FRMOTR = 1			
I_WTEMP	1	363	(0:9)	FRMOTR	1	381	(0:2)
Allocation flag for WTEMP				receiving farm self-employment from secondary source			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: 0 = niu 1 = yes 2 = no			
Universe:				Universe: ERN_OTR = 1			
Topic: Income				FRSE_VAL	7	382	(-9999999:9999999)
SubTopic: Earnings				total amount of farm self-employment earnings (combined amounts in ern-val, if ern-srce=3, and frse-val)			
ERN_OTR	1	364	(0:2)	Values: 0 = none or niu; -9999999-9999999 = farm self employment			
wage and salary money earned from other work, y/n				Universe: ERN_YN=1 or FRMOTR=1			
Values: 0 = niu 1 = yes 2 = no				FRSE_YN	1	389	(0:2)
Universe: All persons aged 15+				receiving any farm self-employment			
				Values: 0= Niu 1= Yes 2= No			
				Universe: ERN_YN=1 or FRMOTR=1			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
PEARNVAL	8	390	(-99999:99999999)	WSAL_VAL	7	422	(0:9999999)
total persons earnings				total wage and salary earnings (combined amounts in ern-val, if ern-srce=1, and ws-val)			
Values: 0 = none; negative amt = income (loss); positive amt = income				Values: 0 = none or niu; 1-9999999 = wage and salary			
Universe: All Persons aged 15+				Universe: ERN_YN=1 or WAGEOTR=1			
SE_VAL	7	398	(-99999:9999999)	WSAL_YN	1	429	(0:2)
amount of own business self-employment earnings from secondary source				receiving wage and salary earnings			
Values: 0 = none or niu; -99999-999999 = own business self employment				Values: 0 = niu 1 = yes 2 = no			
Universe: SEOTR = 1				Universe: ERN_YN=1 or WAGEOTR=1			
SEMP_VAL	7	405	(-999999:9999999)	SubTopic: Other Income			
total own business self-employment earnings (combined amounts in ern-val, if ern-srce=2, and se-val)				ANN_VAL	6	430	(-1:999999)
Values: 0 = none or niu; -999999-9999999 = own business self employment				Retirement income, annuities amount			
Universe: ERN_YN=1 or SEOTR=1				Values: -1 = niu 0-999999 = dollar amount			
SEMP_YN	1	412	(0:2)	Universe: ANN_YN = 1			
receiving own business self-employment, y/n				ANN_YN	1	436	(0:2)
Values: 0 = niu 1 = yes 2 = no				Retirement income, annuities, y/n			
Universe: ERN_YN=1 or SEOTR=1				Values: 0 = niu 1 = yes 2 = no			
SEOTR	1	413	(0:2)	Universe: All Persons aged 15+			
receiving own business self-employment earnings from secondary source, y/n				CAP_VAL	6	437	(0:999999)
Values: 0 = niu 1 = yes 2 = no				capital gains value			
Universe: ERN_OTR = 1				Values: 0 = none or niu 1-999999 = captial gains amount			
WAGEOTR	1	414	(0:2)	Universe: CAP_YN = 1			
receiving wage and salary earnings from other employers, y/n				CAP_YN	1	443	(0:2)
Values: 0 = niu 1 = yes 2 = no				Yes/no answer to 'Did you receive capital gain from your shares of stock or mutual fund?'. (unedited variable is ucap_yn).			
Universe: ERN_OTR = 1				Values: 0 = niu 1 = yes 2 = no			
WS_VAL	7	415	(0:9999999)	Universe: DIV_YN = 1			
amount of wage and salary earnings from other employers				DBTN_VAL	7	444	(0000000:9999999)
Values: 0 = none or niu; 1-9999999 = wage and salary				Total amount of retirement distributions received (dst_val1 + dst_val2)			
Universe: ERN_OTR = 1				Values: 0 = none or niu 1-9999999 = dollar amount			
				Universe: DST_VAL1>0 OR DST_VAL2>0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
DIS_CS	1	451	(0:2)	DIS_VAL2	6	463	(00000:999999)
Who in this household retired or left a job for health reasons?				How much did ... receive (source type) during 20.. ?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = none or niu 1-999999 = disability income			
Universe: All Persons aged 15+				Universe: DIS_SC2>0			
DIS_HP	1	452	(0:2)	DIS_YN	1	469	(0:2)
Who has a health problem or a disability which prevents work or which limits the kind or amount of work?				Other than social security did ... receive any income in 20.. as a result of health problems?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = yes 2 = no			
Universe: All Persons aged 15+				Universe: All Persons aged 15+			
DIS_SC1	2	453	(00:10)	DIV_VAL	6	470	(000000:999999)
What was the source of disability income?				How much did ... receive in dividends from stocks or mutual funds during 20.. ?			
Values: 0 = NIU 1 = worker's compensation 2 = company or union disability 3 = federal government disability 4 = US military retirement disability 5 = state or local gov't employee disability 6 = US railroad retirement disability 7 = accident or disability insurance 8 = blacklung miners disability 9 = state temporary sickness 10 = other or don't know				Values: 0 = none or niu 1-999999 = dividends			
Universe: DIS_YN=1				Universe: DIV_YN = 1			
DIS_SC2	2	455	(00:10)	DIV_YN	1	476	(0:2)
What was the source of disability income?				Did ... receive dividends?			
Values: 0 = NIU 1 = worker's compensation 2 = company or union disability 3 = federal government disability 4 = US military retirement disability 5 = state or local gov't employee disability 6 = US railroad retirement disability 7 = accident or disability insurance 8 = blacklung miners disability 9 = state temporary sickness 10 = other or don't know				Values: 0 = niu 1 = yes 2 = no			
Universe: DIS_YN=1				Universe: All Persons aged 15+			
DIS_VAL1	6	457	(0:999999)	DSAB_VAL	6	477	(000000:999999)
How much did ... receive (source type) during 20.. ?				Total amount of disability income received, combined amounts in edited sources one and two			
Values: 0 = none or niu 1-999999 = disability income				Values: 0 = none or niu 1-999999 = disability income			
Universe: DIS_SC1>0				Universe: DIS_VAL1>0 OR DIS_VAL2>0			
				DST_SC1	1	483	(0:7)
				Retirement income distribution source 1			
				Values: 0 = NIU 1 = 401k account 2 = 403b account 3 = Roth IRA 4 = Regular IRA 5 = KEOGH plan 6 = SEP plan (Simplified Employee Pension) 7 = Other type of retirement account			
				Universe: DST_VAL1 > 0 and a_age ≥ 58			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
DST_SC1_YNG	1	484	(0:7)	DST_VAL2_YNG	6	505	(000000:999999)
Retirement Distribution source 1, person under age 58				Retirement Distribution amount 2, under age 58			
Values: 0 = NIU 1 = 401k account 2 = 403b account 3 = Roth IRA 4 = Regular IRA 5 = KEOGH plan 6 = SEP plan (Simplified Employee Pension) 7 = Other type of retirement account				Values: 0 = none or niu 1-999,999 = amount withdrawn or distributed			
Universe: DST_YN_YNG = 1 and a_age < 58				Universe: DST_SC2_YNG = 1			
DST_SC2	1	485	(0:7)	DST_YN	1	511	(0:2)
Retirement income, distribution source 2				Retirement income distribution y/n			
Values: 0 = NIU 1 = 401k account 2 = 403b account 3 = Roth IRA 4 = Regular IRA 5 = KEOGH plan 6 = SEP plan (Simplified Employee Pension) 7 = Other type of retirement account				Values: 0 = niu 1 = yes 2 = no			
Universe: DST_VAL2 > 0 and a_age ≥ 58				Universe: Persons aged 58 and over (a_age ≥ 58)			
DST_SC2_YNG	1	486	(0:7)	DST_YN_YNG	1	512	(0:2)
Retirement Distribution source 2, person under age 58				Retirement Distribution Reciprocity, person under age 58			
Values: 0 = NIU 1 = 401k account 2 = 403b account 3 = Roth IRA 4 = Regular IRA 5 = KEOGH plan 6 = SEP plan (Simplified Employee Pension) 7 = Other type of retirement account				Values: 0 = niu 1 = yes 2 = no			
Universe: DST_VAL2 > 0 and a_age < 58				Universe: Persons under age 58 (a_age < 58)			
DST_VAL1	6	487	(000000:999999)	ED_VAL	6	513	(0:999999)
Retirement income amount distribution source 1				total amount of educational assistance received (combined amounts in pell grant and other educational) assistance during 20.. ?			
Values: 0 = none or niu 1-999,999 = amount withdrawn or distributed				Values: 0 = none or niu; 1- 999,999 = dollar amount			
Universe: DST_SC1 = 1				Universe: ED_YN = 1			
DST_VAL1_YNG	6	493	(000000:999999)	ED_YN	1	519	(0:2)
Retirement Distribution amount 1, under age 58				Did ... receive educational assistance?			
Values: 0 = none or niu 1- 999,999 = amount withdrawn or distributed				Values: 0 = niu 1 = yes 2 = no			
Universe: DST_SC1_YNG = 1				Universe: All Persons aged 15+			
DST_VAL2	6	499	(000000:999999)	FAMREL	2	520	(1:11)
Retirement income amount, distribution source 2				Family relationship			
Values: 0 = none or niu 1- 999,999 = amount withdrawn or distributed				Values: <u>Primary and unrelated subfamily only</u> 1 = Reference person of family 2 = Spouse of reference person <u>Child of reference person:</u> 3 = Under 18 years, single (never married) 4 = Under 18 years, ever married 5 = 18 years and over <u>Grandchild of reference person:</u> 6 = Grandchild of reference person <u>Other relative of family of reference person:</u> 7 = Under 18 years, single (never married) 8 = Under 18 years, ever married 9 = 18 years and over <u>Not in a family:</u> <u>Unrelated individual:</u> 10 = Nonfamily householder 11 = Secondary individual			
Universe: DST_SC2 = 1				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
FIN_VAL	6	522	(0:999999)	OI_OFF	2	539	(0:20)
How much did ... receive in financial assistance income during 20.. ?				other income sources			
Values: 0 = none or niu 1-999999 = financial assistance				Values: 0=niu 1=social security 2=private pensions 3=afdc 4=other public assistance 5=interest 6=dividends 7=rents or royalties 8=estates or trusts 9=state disability payments (worker's comp) 10=disability payments (own insurance) 11=unemployment compensation 12=strike benefits 13=annuities or paid up insurance policies 14=not income 15=longest job 16=wages or salary 17=nonfarm self-employment 18=farm self-employment 19=anything else 20=alimony			
Universe: FIN_YN = 1				Universe: OI_YN = 1			
FIN_YN	1	528	(0:2)	OI_VAL	6	541	(0:999999)
Did ... receive financial assistance?				how much did ... receive in other incomes			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = none or niu 1-999999 = other income			
Universe: All Persons aged 15+				Universe: OI_YN = 1			
INT_VAL	6	529	(0:999999)	OI_YN	1	547	(0:2)
Edited total combined interest income				Did ... receive cash income not already covered from any other source?			
Values: 0 = none or niu; 1- 999,999 = dollar amount				Values: 0 = none or niu 1 = yes 2 = no			
Universe: INT_YN = 1				Universe: All Persons aged 15+			
INT_YN	1	535	(0:2)	PEN_SC1	1	548	(0:8)
Edited total combined interest income, y/n				Retirement income, pension source 1			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = Company pension 2 = Union pension 3 = Federal government pension 4 = State government pension 5 = Local government pension 6 = US Military pension 7 = US Railroad Retirement 8 = Other			
Universe: All Persons aged 15+				Universe: PEN_YN = 1			
OED_TYP1	1	536	(0:2)				
source 1 other than gi bill received (OED_TYP1- source of other government assistance)							
Values: 0 = niu 1 = yes 2 = no							
Universe: ED_YN = 1							
OED_TYP2	1	537	(0:2)				
source 2 other than gi bill received (OED_TYP2- scholarships, grants etc. from the school)							
Values: 0 = niu 1 = yes 2 = no							
Universe: ED_YN = 1							
OED_TYP3	1	538	(0:2)				
source other than gi bill received (OED_TYP3- other assistance (employers friends, etc.))							
Values: 0 = niu 1 = yes 2 = no							
Universe: ED_YN = 1							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PEN_SC2	1	549	(0:8)	PTOT_R	2	578	(0:41)
Retirement income, pension source 2				TOTAL PERSON INCOME RECODE			
Values: 0 = niu 1 = Company pension 2 = Union pension 3 = Federal government pension 4 = State government pension 5 = Local government pension 6 = US Military pension 7 = US Railroad Retirement 8 = Other				Values: 0 = NO INCOME 1 = UNDER \$2,500 OR LOSS 2 = \$2,500 TO \$4,999 3 = \$5,000 TO \$7,499 4 = \$7,500 TO \$9,999 5 = \$10,000 TO \$12,499 6 = \$12,500 TO \$14,999 7 = \$15,000 TO \$17,499 8 = \$17,500 TO \$19,999 9 = \$20,000 TO \$22,499 10 = \$22,500 to \$24,999 11 = \$25,000 to \$27,499 12 = \$27,500 to \$29,999 13 = \$30,000 to \$32,499 14 = \$32,500 to \$34,999 15 = \$35,000 to \$37,499 16 = \$37,500 to \$39,999 17 = \$40,000 to \$42,499 18 = \$42,500 to \$44,999 19 = \$45,000 to \$47,499 20 = \$47,500 to \$49,999 21 = \$50,000 to \$52,499 22 = \$52,500 to \$54,999 23 = \$55,000 to \$57,499 24 = \$57,500 to \$59,999 25 = \$60,000 to \$62,499 26 = \$62,500 to \$64,999 27 = \$65,000 to \$67,499 28 = \$67,500 to \$69,999 29 = \$70,000 to \$72,499 30 = \$72,500 to \$74,999 31 = \$75,000 to \$77,499 32 = \$77,500 to \$79,999 33 = \$80,000 to \$82,499 34 = \$82,500 to \$84,999 35 = \$85,000 to \$87,499 36 = \$87,500 to \$89,999 37 = \$90,000 to \$92,499 38 = \$92,500 to \$94,999 39 = \$95,000 to \$97,499 40 = \$97,500 to \$99,999 41 = \$100,000 and over			
Universe: PEN_VAL2 > 0				Universe: All Persons aged 15+			
PEN_VAL1	6	550	(0:999999)	PTOTVAL	8	580	(-99999:99999999)
Retirement income amount, pension source 1				total persons income			
Values: 0 = none or niu; 1- 999,999 = pension income				Values: 0 = none negative amt = income (loss) positive amt = income			
Universe: PEN_SC1 > 0				Universe: All Persons aged 15+			
PEN_VAL2	6	556	(0:999999)				
Retirement income amount, pension source 2							
Values: 0 = none or niu; 1-999,999 = pension income							
Universe: PEN_SC2 > 0							
PEN_YN	1	562	(0:2)				
Retirement income, pension y/n							
Values: 0 = niu 1 = yes 2 = no							
Universe: All Persons aged 15+							
PNSN_VAL	7	563	(0:9999999)				
total combined amount of pension income received from all pension sources							
Values: 0 = none or niu 1- 9,999,999 = retirement income							
Universe: PEN_YN = 1							
POTHVAL	8	570	(-99999:99999999)				
All income not from earnings							
Values: 0 = none negative amt = income (loss) positive amt = income							
Universe: All Persons aged 15+							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
RESNSS1	1	588	(0:8)	RETCB_YN	1	597	(0:2)
What were the reasons (you/name) (was/were) getting Social Security Income last year?				Retirement contribution, y/n			
Values: 0 = niu 1 = retired 2 = disabled (adult or child) 3 = widowed 4 = spouse 5 = surviving child 6 = dependent child 7 = on behalf of surviving, dependent, or disabled child(ren) 8 = other (adult or child)				Values: 0 = niu 1 = yes 2 = no			
Universe: SS_YN = 1				Universe: All people 15 years and over			
RESNSS2	1	589	(0:8)	RINT_SC1	1	598	(0:7)
second reason you are getting Social Security Income last year?				Interest income, retirement source 1			
Values: 0 = niu 1 = retired 2 = disabled (adult or child) 3 = widowed 4 = spouse 5 = surviving child 6 = dependent child 7 = on behalf of surviving, dependent, or disabled child(ren) 8 = other (adult or child)				Values: 0 = NIU 1 = 401k account 2 = 403b account 3 = Roth IRA 4 = Regular IRA 5 = KEOGH plan 6 = SEP plan (Simplified Employee Pension) 7 = Other type of retirement account			
Universe: SS_YN = 1				Universe: RINT_YN = 1			
RESNSSI1	1	590	(0:5)	RINT_SC2	1	599	(0:7)
What were the reasons (you/name) (was/were) getting Supplemental Security Income last year?				Interest income, retirement source 2			
Values: 0 = niu 1 = disabled (adult or child) 2 = blind (adult or child) 3 = on behalf of a disabled child 4 = on behalf of a blind child 5 = other (adult or child)				Values: 0 = NIU 1 = 401k account 2 = 403b account 3 = Roth IRA 4 = Regular IRA 5 = KEOGH plan 6 = SEP plan (Simplified Employee Pension) 7 = Other type of retirement account			
Universe: SSI_YN = 1				Universe: RINT_YN = 1			
RESNSSI2	1	591	(0:5)	RINT_VAL1	6	600	(0:999999)
Second reason getting Supplemental Security Income last year?				Interest income amt, retirement source 1			
Values: 0 = niu 1 = disabled (adult or child) 2 = blind (adult or child) 3 = on behalf of a disabled child 4 = on behalf of a blind child 5 = other (adult or child)				Values: 0 = none or niu; 1-999999 = ret interest income			
Universe: SSI_YN = 1				Universe: RINT_SC1 > 0			
RETCB_VAL	5	592	(0:99999)	RINT_VAL2	6	606	(0:999999)
Retirement contribution, amount				Interest income amt, retirement source 2			
Values: 0 = none or niu; 1-99999 = amount contributed				Values: 0 = none or niu; 1-999999 = ret interest income			
Universe: RETCB_YN = 1				Universe: RINT_SC2 > 0			
				RINT_YN	1	612	(0:2)
				Interest income - retirement, y/n			
				Values: 0 = niu 1 = yes 2 = no			
				Universe: All Persons aged 15+			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
RNT_VAL	6	613	(-9999:999999)	STRKUC	1	638	(0:2)
How much did ... receive in income from rent after expenses during 20..?				At any time during 20.. did ... receive any union unemployment or strike benefits?			
Values: 0 = none or niu; -9999-999999 = rental income				Values: 0 = niu 1 = yes 2 = no			
Universe: RNT_YN = 1				Universe: UC_YN = 1			
RNT_YN	1	619	(0:2)	SUBUC	1	639	(0:2)
Did ... own any land, property, rented to others, or receive income from royalties, roomers or boarders, or from estates or trusts?				At any time during 20.. did ... receive any supplemental unemployment benefits?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = yes 2 = no			
Universe: All Persons aged 15+				Universe: UC_YN = 1			
SRVS_VAL	6	620	(0:999999)	SUR_SC1	2	640	(0:10)
total amount of survivor's income received (combined amounts in edited sources sur_val1 and sur_val2 plus the unedited sources 3 & 4 starting in 1995)				What was the source of this other widow or survivor income?			
Values: 0 = none or niu; 1-999999 = income amount				Values: 0 = none or niu 1 = company or union survivor pension 2 = federal government 3 = US military retirement survivor pension 4 = state or local gov't survivor pension 5 = US railroad retirement survivor pension 6 = worker compensation survivor 7 = black lung 8 = regular payments from estates or trusts 9 = regular payments from annuities or paid-up life insurance 10 = other or don't know			
Universe: SUR_YN = 1				Universe: SUR_YN = 1			
SS_VAL	5	626	(0:99999)	SUR_SC2	2	642	(0:10)
How much did ... receive in social security payments during 20.. ?				What was the source of this other widow or survivor income?			
Values: 0 = none or niu; 1-99999 = social security				Values: 0 = none or niu 1 = company or union survivor pension 2 = federal government 3 = US military retirement survivor pension 4 = state or local gov't survivor pension 5 = US railroad retirement survivor pension 6 = worker compensation survivor 7 = black lung 8 = regular payments from estates or trusts 9 = regular payments from annuities or paid-up life insurance 10 = other or don't know			
Universe: SS_YN = 1				Universe: SUR_YN = 1			
SS_YN	1	631	(0:2)	SUR_VAL1	6	644	(00000:999999)
Who received social security payments either for themselves or as combined payments with other family members?				How much did ... receive (survivor source type) during 20.. ?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = none or niu; 1-999,999 = survivor's income			
Universe: All Persons aged 15+				Universe: SUR_YN = 1			
SSI_VAL	5	632	(0:99999)				
How much did ... receive in supplemental security income during 20..?							
Values: 0 = none or niu 1-99999 = supplemental security income							
Universe: SSI_YN = 1							
SSI_YN	1	637	(0:2)				
Did ... received ssi?							
Values: 0 = niu 1 = yes 2 = no							
Universe: All Persons aged 15+							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
SUR_VAL2	6	650	(00000:999999)	VET_QVA	1	670	(0:2)
How much did ... receive (source type) during 20.. ?				Is ... required to fill out an annual income questionnaire for the veteran's administration?			
Values: 0 = none or niu; 1-999,999 = survivor's income				Values: 0 = niu 1 = yes 2 = no			
Universe: SUR_YN = 1				Universe: VET_YN = 1			
SUR_YN	1	656	(0:2)	VET_TYP1	1	671	(0:2)
During 20.. did ... receive any survivor benefits such as widow's pensions, estates, trusts, insurance annuities, or other survivor's income?				What type of veterans payments did receive? (VET_TYP1- disability compensation?)			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = yes 2 = no			
Universe: All Persons aged 15+				Universe: VET_YN = 1			
TRDINT_VAL	5	657	(0:99999)	VET_TYP2	1	672	(0:2)
Interest amount, excluding retirement account interest.				What type of veterans payments did receive? (VET_TYP2- survivor benefits?)			
Values: dollar value				Values: 0 = niu 1 = yes 2 = no			
Universe: INT_YN = 1				Universe: VET_YN = 1			
TSURVAL1	1	662	(0:1)	VET_TYP3	1	673	(0:2)
Survivor income source 1, topcoded flag				What type of veterans payments did receive? (VET_TYP3- veteran's pension?)			
Values: 0 = not topcoded; 1 = topcoded				Values: 0 = niu 1 = yes 2 = no			
Universe: SUR_VAL1 > 0				Universe: VET_YN = 1			
TSURVAL2	1	663	(0:1)	VET_TYP4	1	674	(0:2)
Survivor income source 2, topcoded flag				What type of veterans payments did receive? (VET_TYP4- education assistance?)			
Values: 0 = not topcoded; 1 = topcoded				Values: 0 = niu 1 = yes 2 = no			
Universe: SUR_VAL2 > 0				Universe: VET_YN = 1			
UC_VAL	5	664	(0:99999)	VET_TYP5	1	675	(0:2)
How much did ... receive in unemployment benefits during 20..?				What type of veterans payments did receive? (VET_TYP5- other veteran's payments?)			
Values: 0 = none or niu 1-99999 = unemployment compensation				Values: 0 = niu 1 = yes 2 = no			
Universe: UC_YN = 1				Universe: VET_YN = 1			
UC_YN	1	669	(0:2)	VET_VAL	6	676	(0:999999)
Any type of unemployment compensation? (Combination of subuc, strkuc, and uctot_yn)				How much did ... receive from veterans' administration during 20..?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = none or niu 1-999999 = veterans' payments			
Universe: All Persons aged 15+				Universe: VET_YN = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
VET_YN	1	682	(0:2)	PAW_YN	1	698	(0:2)
Did ... receive veterans' payments?				At any time during 20..., even for one month, did... receive any CASH assistance from a state or county welfare program such as (State program name fill)?			
Values: 0 = niu 1 = yes 2 = no				Values: 0= Niu 1= Yes 2= No			
Universe: All Persons aged 15+				Universe: All Persons aged 15+			
WC_TYPE	1	683	(0:4)	PENINCL	1	699	(0:2)
What was source of these payments?				Was ... included in that plan?			
Values: 0 = not in universe 1 = state worker's compensation 2 = employer or employers insurance 3 = own insurance 4 = other				Values: 0 = niu 1 = yes 2 = no			
Universe: WC_YN = 1				Universe: PENPLAN = 1			
WC_VAL	5	684	(0:99999)	PENPLAN	1	700	(0:2)
How much compensation did ... receive during 20..?				Other than social security did the employer or union that ... worked for in 20.. have a pension or other type of retirement plan?			
Values: 0 = none or niu 1-99999 = worker's compensation				Values: 0 = niu 1 = yes 2 = no			
Universe: WC_YN = 1				Universe: WRK_CK = 1			
WC_YN	1	689	(0:2)	WICYN	1	701	(0:2)
During 20.. did ... receive any worker's compensation payments or other payments as a result of a job related injury or illness?				Who received WIC?			
Values: 0 = niu 1 = yes 2 = no				Values: 0 = niu 1 = received WIC 2 = did not receive WIC			
Universe: All Persons aged 15+				Universe: Adult female			
SubTopic: Non-cash Benefits				SubTopic: Supplemental Poverty Measure			
PAW_MON	2	690	(0:12)	CHCARE_YN	1	702	(0:2)
In how many months of 20.. did ... receive public assistance payments?				Paid child care was needed for this child?			
Values: 0 = niu 1 = one month ... 12 = twelve months				Values: 0= Niu 1= Yes 2= No			
Universe: PAW_YN = 1				Universe: Persons age 15+ with children			
PAW_TYP	1	692	(0:3)	CHELSEW_YN	1	703	(0:2)
What type of program did... receive CASH assistance?				Does this person have a child living outside the household?			
Values: 0 = niu 1 = TANF/AFDC 2 = other 3 = both				Values: 0= Niu 1= Yes 2= No			
Universe: PAW_YN = 1				Universe: All Persons aged 15+			
PAW_VAL	5	693	(00000:99999)	CHSP_VAL	5	704	(00000:99999)
How much did ... receive in public assistance or welfare during 20..?				What is the annual amount of child support paid?			
Values: 0 = none or niu; 1-99999 = public assistance				Values: 0 = NIU 1:99999 = amount paid in child support			
Universe: PAW_YN = 1				Universe: CHSP_YN = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
CHSP_YN	1	709	(0:2)	EIT_CRED	4	735	(0:9999)
Is this person required to pay child support?				Earned income tax credit			
Values: 0= Niu 1= Yes 2= No				Values: 0 = none; 1-9999 = dollar amount			
Universe: CHELSEW_YN				Universe: Tax unit head or dependent filer			
CSP_VAL	5	710	(0:99999)	FEDTAX_AC	7	739	(-99999:9999999)
How much did ... receive in child support payments?				Federal income tax liability, after all refundable credits.			
Values: 0 = none or niu 1-99999 = child support				FEDTAX_AC = FEDTAX_BC - ACTC_CRD - EIT_CRED			
Universe: CSP_YN = 1				Values: 0 = none; dollar amount			
CSP_YN	1	715	(0:2)	FEDTAX_BC	7	746	(0:9999999)
Did ... receive child support payments?				Federal income tax liability, before refundable credits			
Values: 0= Niu 1= Yes 2= No				Values: 0 = none; dollar amount			
Universe: All Persons aged 15+				Universe: Tax unit head or dependent filer			
SubTopic: Tax Model Items				FICA	5	753	(0:99999)
ACTC_CRD	5	716	(0:99999)	Social security retirement payroll deduction			
Refundable portion of child tax credit; this represents the fully refundable, expanded child tax credit in 2021				Values: 0 = none 1-99999 = dollar amount			
Values: 0 = none 1-99999 = dollar amount				Universe: All persons			
Universe: Tax unit head or dependent filer				FILESTAT	1	758	(1:6)
AGI	7	721	(-999999:9999999)	Tax filer status			
Federal adjusted gross income				Values: 1 = joint, both<65 2 = joint, one ><65 & one 65+ 3 = joint, both 65+ 4 = head of household 5 = single 6 = non-filer			
Values: 0 = none dollar amount				Universe: All persons			
Universe: Tax unit head or dependent filer				MARG_TAX	2	759	(00:99)
CTC_CRD	5	728	(0:99999)	Marginal tax rate			
Nonrefundable portion of child tax credit and credits and other dependents; this represents credits for other dependents in 2021 as child tax credit is fully refundable				Values: 0 = none; marginal rate			
Values: 0 = none 1-99999 = dollar amount				Universe: Tax unit head or dependent filer			
Universe: Tax unit head or dependent filer				PRSWKXPNS	4	761	(0:1999)
DEP_STAT	2	733	(00:16)	Work Expenses			
Person index (A_LINENO) of filer who claimed this dependent				Values: 0=none; dollar amount			
Values: 0 = not a dependent 01-16 = person index of tax filing unit head				Universe: A_AGE > 17 or HHDFMX = 1,2,46, or 47			
Universe: Dependent in a tax unit				STATETAX_A	6	765	(-9999:9999999)
				State income tax liability, after all credits			
				Values: 0 = none; dollar amount			
				Universe: Tax unit head or dependent filer			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
STATETAX_B	6	771	(0:9999999)	I_CAPVAL	1	796	(0:9)
State income tax liability, before credits				Allocation flag for CAP_VAL			
Values: 0 = none; dollar amount				Values: See I_ANNVAL for allocation flag values.			
Universe: Tax unit head or dependent filer				Universe: CAP_VAL > 1			
TAX_ID	10	777	(000000000:999999999)	I_CAPYN	1	797	(0:9)
Tax unit ID number				Allocation flag for CAP_YN			
Values: 0000000000-9999999999 = tax unit ID number				Values: See I_ANNVAL for allocation flag values.			
Universe: All persons				Universe: CAP_YN > 0			
TAX_INC	7	787	(0:9999999)	I_CHCAREYN	1	798	(0:9)
Taxable income amount				Allocation flag for CHCARE_YN			
Values: 0 = none; dollar amount				Values: 0 = No allocation 1 = Allocated			
Universe: Tax unit head or dependent filer				Universe: CHCARE_YN > 0			
SubTopic: Allocation Flags				I_CHELSEWYN	1	799	(0:9)
I_ANNVAL	1	794	(0:9)	Allocation flag for CHELSEW_YN			
Allocation flag for ANN_VAL				Values: See I_ANNVAL for allocation flag values.			
Values: Levels 1-3 indicate imputations use of income range responses and 4-8 indicate imputations without range responses. Within each group, lower numbers indicate more match variables (and better matches). Non-respondents to value questions can provide values in one of five range bins. For example, non-respondents can provide earnings from the longest job in these categories: 1) < 15,000, 2) 15,000-30,000, 3) 30,001-44,499, 4) 45,000-60,000, and 5) > 60,000. The range bins differ by income type to better match the range of incomes in that income. In levels 1-3, non-respondents are matched to respondents with values in the range bin they indicated. Full record imputation indicates that an individual did not provide sufficient income information and all income reciprocity and value variables were imputed.				Universe: CHELSEW_YN > 0			
0 = No allocation				I_CHSPVAL	1	800	(0:9)
1 = Level 1 statistical match (value with ranges)				Allocation flag for CHSP_VAL			
2 = Level 2 statistical match (value with ranges)				Values: See I_ANNVAL for allocation flag values.			
3 = Level 3 statistical match (value with ranges)				Universe: CHSP_YN = 1			
4 = Level 101 statistical match (value without ranges, reciprocity '_yn')				I_CHSPYN	1	801	(0:9)
5 = Level 102 statistical match (value without ranges, reciprocity '_yn')				Allocation flag for CHSP_YN			
6 = Level 103 statistical match (value without ranges, reciprocity '_yn')				Values: See I_ANNVAL for allocation flag values.			
7 = Level 104 statistical match (age, sex)				Universe: CHELSEW_YN = 1			
8 = Level 105 statistical match (all donors can match to all recipients)				I_CSPVAL	1	802	(0:9)
9 = FL_665 ≠ 1 (full record impute)				Allocation flag for CSP_VAL			
Universe: ANN_YN = 1				Values: See I_ANNVAL for allocation flag values.			
I_ANNYN	1	795	(0:9)	Universe: CSP_YN = 1			
Allocation flag for ANN_YN				I_CSPYN	1	803	(0:9)
Values: See I_ANNVAL for allocation flag values.				Allocation flag for CSP_YN			
Universe: ANN_YN > 0				Values: See I_ANNVAL for allocation flag values.			
				Universe: CSP_YN > 0			
				I_DISCS	1	804	(0:9)
				Allocation flag for DIS_CS			
				Values: See I_ANNVAL for allocation flag values.			
				Universe: DIS_CS > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_DISHP	1	805	(0:9)	I_DSTSC	1	813	(0:9)
Allocation flag for DIS_HP				Allocation flag for DST_SC(2)			
Values: See I_ANNVAL for allocation flag values.				Values: 0 = No change			
Universe: DIS_HP > 0				1 = Allocated			
				9 = Full record imputation (FL_665 ≠ 1)			
				Universe: DST_YN =1			
I_DISSC1	1	806	(0:9)	I_DSTSCCOMP	1	814	(0:9)
Allocation flag DIS_SC1				Allocation flag for all sources of retirement distributions, DST_SC(2)			
Values: 0 = No change				Values: See I_ANNVAL for allocation flag values.			
1 = Allocated				Universe: DST_YN = 1 or DST_YNG_YN = 1			
9 = Full record imputation (FL_665 ≠ 1)							
Universe: DIS_SC1 > 0							
I_DISSC2	1	807	(0:9)	I_DSTVAL1COMP	2	815	(0:11)
Allocation flag for DIS_SC2				Composite allocation flag, distribution amount from first retirement, DST_VAL1			
Values: 0 = No change				Values: See I_INTYN for allocation flag values.			
1 = Allocated				Universe:			
9 = Full record imputation (FL_665 ≠ 1)							
Universe: DIS_SC2 > 0							
I_DISVL1	1	808	(0:9)	I_DSTVAL2COMP	2	817	(0:11)
Allocation flag for DIS_VAL1				Composite allocation flag, distribution amount from second retirement account, DST_VAL2			
Values: See I_ANNVAL for allocation flag values.				Values: See I_INTYN for allocation flag values.			
Universe: DIS_VAL1 > 0				Universe: DST_VAL2 > 0			
I_DISVL2	1	809	(0:9)	I_DSTYNCOMP	2	819	(0:11)
Allocation flag for DIS_VAL2				Composite allocation flag, distribution from retirement account, DST_YN			
Values: See I_ANNVAL for allocation flag values.				Values: See I_INTYN for allocation flag values.			
Universe: DIS_VAL2 > 0				Universe: DST_YN > 0			
I_DISYN	1	810	(0:9)	I_EDTYP	1	821	(0:9)
Allocation flag for DIS_YN				Allocation flag for OED_TYP(1-3)			
Values: See I_ANNVAL for allocation flag values.				Values: See I_ANNVAL for allocation flag values.			
Universe: DIS_YN > 0				Universe: OED_TYP(1-3) > 0			
I_DIVVAL	1	811	(0:9)	I_EDYN	1	822	(0:9)
Allocation flag for DIV_VAL				Allocation flag for ED_YN			
Values: See I_ANNVAL for allocation flag values.				Values: See I_ANNVAL for allocation flag values.			
Universe: DIV_YN = 1				Universe: ED_YN > 0			
I_DIVYN	1	812	(0:1)	I_ERNSRC	1	823	(0:9)
Allocation flag for DIV_YN				Allocation flag for ERN_SRCE			
Values: See I_ANNVAL for allocation flag values.				Values: See I_ANNVAL for allocation flag values.			
Universe: All Persons 15+				Universe: ERN_SRCE > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_ERNVAL	1	824	(0:9)	I_INTVAL	2	830	(0:15)
Allocation flag for ERN_VAL				Composite allocation flag incorporating information for all interest components			
Values: See I_ANNVAL for allocation flag values.				Values: <i>Composite Value Variable</i>			
Universe: ERN_VAL > 0				A composite value variable is created with multiple value inputs. For example, INT_VAL is the total income value of interest earned from bonds, certificates of deposit (CD), checking accounts, money market accounts, savings accounts, and interest earned on retirement accounts. Imputation for non-response was conducted on the component variables.			
I_ERNYN	1	825	(0:9)	Applies to I_INTVAL, I_UCVAL, I_SSVL, I_SSIVAL, I_VETVAL			
Allocation flag for ERN_YN				0 = No allocation			
Values: See I_ANNVAL for allocation flag values				11 = Value imputed is less than 25% of total in composite variable			
Universe: ERN_YN > 0				12 = Value imputed is between 25-50% of total in composite variable			
I_FINVAL	1	826	(0:9)	13 = Value imputed is between 50-75% of total in composite variable			
Allocation flag for FIN_VAL				14 = Value imputed is between 75-100% of total in composite variable			
Values: See I_ANNVAL for allocation flag values.				15 = Value is 100% imputed in composite variable			
Universe: FIN_VAL > 0				Universe: INT_VAL > 0			
I_FINYN	1	827	(0:9)	I_INTYN	2	832	(0:11)
Allocation flag for FIN_YN				Composite allocation flag for all interest components			
Values: See I_ANNVAL for allocation flag values.				Values: <i>Composite Reciprocity Variable</i>			
Universe: FIN_YN > 0				A composite reciprocity variable is created with multiple source inputs. For example, INT_YN is determined by whether an individual has income in any of the following: interest earned from bonds, certificates of deposit (CD), checking accounts, money market accounts, savings accounts, and interest earned on retirement accounts. Imputation for non-response was conducted on the component variables.			
I_FRMVAL	1	828	(0:9)	Applies to I_INTYN, I_UCYN, I_SSYN, I_SSIYN, I_DSTYNCOMP, I_DSTVAL1COMP, I_DSTVAL2COMP			
Allocation flag for FRM_VAL				0 = No allocation			
Values: See I_ANNVAL for allocation flag values.				10 = Some of the components are imputed			
Universe: FRM_VAL > 0				11 = All of the components imputed			
I_FRMYN	1	829	(0:9)	Universe: INT_YN > 0			
Allocation flag for FRMOTR				I_OEDVAL	1	834	(0:9)
Values:				Allocation flag for ED_VAL			
Universe: FRMOTR > 0				Values: See I_ANNVAL for allocation flag values.			
				Universe: ED_YN=1			
				I_OIVAL	1	835	(0:9)
				Allocation flag for OI_VAL			
				Values: See I_ANNVAL for allocation flag values.			
				Universe: OI_VAL > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_PAWMO Allocation flag for PAW_MON <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PAW_MON > 0	1	836	(0:9)	I_PENVAL1 Allocation flag, PEN_VAL1 <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PEN_VAL1 > 0	1	844	(0:9)
I_PAWTYP Allocation flag for PAW_TYP <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PAW_TYP > 0	1	837	(0:9)	I_PENVAL2 Allocation flag PEN_VAL2 <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PEN_VAL2 > 0	1	845	(0:9)
I_PAWVAL Allocation flag for PAW_VAL <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PAW_VAL > 0	1	838	(0:9)	I_PENYN Allocation flag for PEN_YN <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PEN_YN > 0	1	846	(0:9)
I_PAWYN Allocation flag for PAW_YN <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PAW_YN > 0	1	839	(0:9)	I_RETCBVAL Imputation flag for RETCB_VAL <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> RETCB_VAL > 0	1	847	(0:9)
I_PENINC Allocation flag for PENINCL <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> PENINCL > 0	1	840	(0:9)	I_RETCBYN Imputation flag for RETCB_YN <i>Values:</i> See I_ANNVAL for allocation flag values. <i>Universe:</i> RETCB_YN > 0	1	848	(0:9)
I_PENPLA Allocation flag for PENPLAN <i>Values:</i> 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) <i>Universe:</i> PENPLAN > 0	1	841	(0:9)	I_RINTSC Allocation flag for RINT_SC1 <i>Values:</i> See I_ANNVAL for allocation flag values <i>Universe:</i> RINT_SC1 > 0	1	849	(0:9)
I_PENSC1 Allocation flag for PEN_SC1 <i>Values:</i> 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) <i>Universe:</i> PEN_SC1 > 0	1	842	(0:9)	I_RINTVAL1 Allocation flag for RINT_VAL1 <i>Values:</i> See I_ANNVAL for allocation flag values <i>Universe:</i> RINT_VAL1 > 0	1	850	(0:9)
I_PENSC2 Allocation flag PEN_SC2 <i>Values:</i> 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1) <i>Universe:</i> PEN_SC2 > 0	1	843	(0:9)	I_RINTVAL2 Allocation flag for RINT_VAL2 <i>Values:</i> See I_ANNVAL for allocation flag values <i>Universe:</i> RINT_VAL2 > 0	1	851	(0:9)
				I_RINTYN Allocation flag for RINT_YN <i>Values:</i> See I_ANNVAL for allocation flag values <i>Universe:</i> RINT_YN > 0	1	852	(0:9)

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_RNTVAL	1	853	(0:9)	I_SURSC1	1	865	(0:9)
Allocation flag for RNT_VAL				Allocation flag for SUR_SC1			
Values: See I_ANNVAL for allocation flag values				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: RNT_VAL > 0				Universe: SUR_SC1 > 0			
I_RNTYN	1	854	(0:9)	I_SURSC2	1	866	(0:9)
Allocation flag for RNT_YN				Allocation flag for SUR_SC2			
Values: See I_ANNVAL for allocation flag values				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: RNT_YN > 0				Universe: SUR_SC2 > 0			
I_SEVAL	1	855	(0:9)	I_SURVL1	1	867	(0:9)
Allocation flag for SE_VAL				Allocation flag for SUR_VAL1			
Values: See I_ANNVAL for allocation flag values				Values: See I_ANNVAL for allocation flag values			
Universe: SE_VAL > 0				Universe: SUR_VAL1 > 0			
I_SEYN	1	856	(0:9)	I_SURVL2	1	868	(0:9)
Allocation flag for SEOTR				Allocation flag for SUR_VAL2			
Values: See I_ANNVAL for allocation flag values				Values: See I_ANNVAL for allocation flag values			
Universe: SE_YN > 0				Universe: SURV_VAL2 > 0			
I_SSIVAL	2	857	(0:15)	I_SURYN	1	869	(0:9)
Allocation flag for SSI_VAL				Allocation flag for SUR_YN			
Values: See I_INTVAL for allocation flag values.				Values: See I_ANNVAL for allocation flag values			
Universe: SSI_VAL > 0				Universe: SUR_YN > 0			
I_SSIYN	2	859	(0:11)	I_UCVAL	2	870	(0:15)
Allocation flag for SSI_YN				Composite allocation flag for all unemployment compensation components			
Values: See I_INTYN for allocation flag values.				Values: See I_INTVAL for allocation flag values.			
Universe: SSI_YN > 0				Universe: UC_VAL > 0			
I_SSVAL	2	861	(0:15)	I_UCYN	2	872	(0:11)
Composite allocation flag for SS_VAL				Composite allocation flag for all unemployment compensation components			
Values: See I_INTVAL for allocation flag values.				Values: See I_INTYN for allocation flag values.			
Universe: SS_VAL > 0				Universe: UC_YN > 0			
I_SSYN	2	863	(0:11)	I_VETQVA	1	874	(0:9)
Composite allocation flag for SS_YN				Allocation flag for VET_QVA			
Values: See I_INTYN for allocation flag values.				Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)			
Universe: SS_YN > 0				Universe: VET_QVA > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_VET_TYP	1	875	(0:9)	RESNSSA	1	884	(0:9)
Allocation flag for VET_TYP				Allocation flag for RESNSS1-2			
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Values: See I_ANNVAL for allocation flag values			
Universe: VET_TYP > 0				Universe: RESNSS1 or RESNSS2 > 0			
I_VET_VAL	2	876	(0:15)	RESNSSIA	1	885	(0:9)
Composite allocation flag for all components of veterans income				Allocation flag for RESNSSI1-2			
Values: See I_INTVAL for allocation flag values.				Values: See I_ANNVAL for allocation flag values			
Universe: VET_VAL > 0				Universe: RESNSSI > 0			
I_VET_YN	1	878	(0:9)	WICYNA	1	886	(0:1)
Allocation flag for VET_YN				Allocation flag for WICYN			
Values: See I_ANNVAL for allocation flag values				Values: 0 = Not allocated or NIU 1 = Allocated			
Universe: VET_YN > 0				Universe: WICYN > 0			
I_WC_TYP	1	879	(0:9)	SubTopic: Topcoding Flags			
Allocation flag for WC_TYPE				TANN_VAL	1	887	(0:1)
Values: 0 = No change 1 = Allocated 9 = Full record imputation (FL_665 ≠ 1)				Topcode flag for ANN_VAL			
Universe: WC_TYPE > 0				Values: 0 = not topcoded 1 = topcoded			
I_WC_VAL	1	880	(0:9)	Universe: ANN_VAL > 0			
Allocation flag for WC_VAL				TCAP_VAL	1	888	(0:1)
Values: See I_ANNVAL for allocation flag values				Topcode flag for CAP_VAL			
Universe: WC_VAL > 0				Values: 0 = not topcoded 1 = topcoded			
I_WC_YN	1	881	(0:9)	Universe: CAP_VAL > 0			
Allocation flag for WC_YN				TCERNVAL	1	889	(0:1)
Values: See I_ANNVAL for allocation flag values				Topcode flag for ERN_VAL			
Universe: WC_YN > 0				Values: 0 = not topcoded; 1 = topcoded			
I_WS_VAL	1	882	(0:9)	Universe: ERN_VAL > 0			
Allocation flag for WS_VAL				TCFFMVAL	1	890	(0:1)
Values: See I_ANNVAL for allocation flag values				Topcode flag for FRM_VAL			
Universe: WS_VAL > 0				Values: 0 = not topcoded; 1 = topcoded			
I_WS_YN	1	883	(0:9)	Universe: FRM_VAL > 0			
Allocation flag for ERN_OTR				TCHSP_VAL	1	891	(0:1)
Values:				Topcode flag for CHSP_VAL			
Universe: ERN_OTR > 0				Values: 0 = not topcoded; 1 = topcoded			
				Universe: CHSP_VAL > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
TCSEVAL	1	892	(0:1)	TDST_VAL2	1	900	(0:1)
Topcode flag for SE_VAL				Topcode flag for DST_VAL2			
Values: 0 = not topcoded; 1 = topcoded				Values: 0 = not topcoded 1 = topcoded			
Universe: SE_VAL > 0				Universe: DST_VAL2 > 0			
TCSP_VAL	1	893	(0:1)	TDST_VAL2_YNG	1	901	(0:1)
Topcode flag for CSP_VAL				Topcode flag for DST_VAL2_YNG			
Values: 0 = not topcoded; 1 = topcoded				Values: 0 = not topcoded 1 = topcoded			
Universe: CSP_VAL > 0				Universe: DST_VAL2_YNG > 0			
TCWSVAL	1	894	(0:1)	TED_VAL	1	902	(0:1)
Topcode flag for WS_VAL				Topcode flag for ED_VAL			
Values: 0 = not topcoded; 1 = topcoded				Values: 0 = not topcoded 1 = topcoded			
Universe: WS_VAL > 0				Universe: ED_VAL > 0			
TDISVAL1	1	895	(0:1)	TFIN_VAL	1	903	(0:1)
Topcode flag for DIS_VAL1				Topcode flag for FIN_VAL			
Values: 0 = not topcoded; 1 = topcoded				Values: 0 = not topcoded; 1 = topcoded			
Universe: DIS_VAL1 > 0				Universe: FIN_VAL > 0			
TDISVAL2	1	896	(0:1)	TOI_VAL	1	904	(0:1)
Topcode flag for DIS_VAL2				Topcode flag for OI_VAL			
Values: 0 = not topcoded 1 = topcoded				Values: 0 = not topcoded 1 = topcoded			
Universe: DIS_VAL2 > 0				Universe: OI_VAL > 0			
TDIV_VAL	1	897	(0:1)	TPEN_VAL1	1	905	(0:1)
Topcode flag for DIV_VAL				Topcode flag for PEN_VAL1			
Values: 0 = not topcoded 1 = topcoded				Values: 0 = not topcoded 1 = topcoded			
Universe: DIV_VAL > 0				Universe: PEN_VAL1 > 0			
TDST_VAL1	1	898	(0:1)	TPEN_VAL2	1	906	(0:1)
Topcode flag for DST_VAL1				Topcode flag for PEN_VAL2			
Values: 0 = not topcoded 1 = topcoded				Values: 0 = not topcoded 1 = topcoded			
Universe: DST_VAL1 > 0				Universe: PEN_VAL2 > 0			
TDST_VAL1_YNG	1	899	(0:1)	TRINT_VAL1	1	907	(0:1)
topcode flag for DST_VAL1_YNG				Topcode flag for RINT_VAL1			
Values: 0 = not topcoded 1 = topcoded				Values: 0 = not topcoded 1 = topcoded			
Universe: DST_VAL1_YNG > 0				Universe: RINT_VAL1 > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
TRINT_VAL2	1	908	(0:1)	COV_CYR	1	915	(0:3)
Topcode flag for RINT_VAL2				Any coverage last year			
Values: 0 = not topcoded 1 = topcoded				Values: 0=Infant born after calendar year 1=No Coverage 2=Coverage for some of year 3=Coverage for all of year			
Universe: RINT_VAL2 > 0				Universe: All persons			
TRNT_VAL	1	909	(0:1)	COV_MULT_CYR	1	916	(0:3)
Rent income, topcoded flag				Concurrent coverage last year			
Values: 0 = not topcoded; 1 = topcoded				Values: 0=Infant born after calendar year 1=No months with concurrent coverage 2=Some months with concurrent coverage 3=Concurrent coverage all year			
Universe: RNT_VAL > 0				Universe: All persons			
TTRDINT_VAL	1	910	(0:1)	NOCOV_CYR	1	917	(0:3)
Topcode flag for TRDINT_VAL (interest income excluding retirement interest)				No health coverage recode			
Values: 0 = not topcoded; 1 = topcoded				Values: 0=Infant born after calendar year 1=Coverage for all of year 2=No coverage for some of year 3=No coverage for full year			
Universe: TRDINT_VAL > 0				Universe: All persons			
Topic: Poverty							
SubTopic: Poverty							
PERLIS	2	911	(-1:4)	NOW_COV	1	918	(1:2)
POVERTY LEVEL OF PERSONS (SUBFAMILY MEMBERS HAVE PRIMARY FAMILY RECODE)				Currently covered by health insurance coverage			
Values: -1 = NOT IN POVERTY UNIVERSE 1 = BELOW POVERTY LEVEL 2 = 100 - 124 PERCENT OF THE POVERTY LEVEL 3 = 125 - 149 PERCENT OF THE POVERTY LEVEL 4 = 150 AND ABOVE THE POVERTY LEVEL				Values: 1= Yes 2= No			
Universe: All people in families and unrelated individuals aged 15 and older				Universe: All Persons			
POV_UNIV	1	913	(0:1)	I_NOW_PUB	1	919	(0:3)
POVERTY UNIVERSE FLAG				Allocation flag for NOW_PUB			
Values: 0 = NOT IN POVERTY UNIVERSE 1 = IN POVERTY UNIVERSE				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			
Topic: Health Insurance				SubTopic: Public coverage			
SubTopic: Any health insurance coverage							
COV	1	914	(0:2)	I_PUB	2	920	(-1:3)
Any health insurance coverage last year				Allocation flag for PUB			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
NOW_PUB	1	922	(1:2)	I_NOW_OUTPRIV	2	930	(-1:3)
Current public coverage				Allocation flag for NOW_OUTPRIV			
Values: 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: NOW_PRIV = 1			
PUB	1	923	(0:2)	I_NOW_OWNPRI	2	932	(-1:3)
Public coverage last year				Allocation flag for NOW_OWNPRI			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: NOW_PRIV = 1			
PUB_CYR	1	924	(0:3)	I_NOW_PRIV	1	934	(0:3)
Public coverage last year				Allocation flag for NOW_PRIV			
Values: 0=Infant born after calendar year 1=Covered none of last year 2=Covered some of last year 3=Covered all of last year				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All persons				Universe: All Persons			
SubTopic: Private coverage				I_OUTPRIV	2	935	(-1:3)
DEPPRIV	1	925	(0:2)	Allocation flag for OUTPRIV			
Private coverage through household member last year				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0= Niu 1= Yes 2= No				Universe: PRIV = 1			
Universe: PRIV = 1				I_OWNPRI	2	937	(-1:3)
I_DEPPRIV	2	926	(-1:3)	Allocation flag for OWNPRIV			
Allocation flag for DEPPRIV				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: PRIV = 1			
Universe: PRIV = 1				I_PRIV	2	939	(-1:3)
I_NOW_DEPPRIV	2	928	(-1:3)	Allocation flag for PRIV			
Allocation flag for NOW_DEPPRIV				Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: All Persons			
Universe: NOW_PRIV = 1							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
NOW_DEPPRIV	1	941	(0:2)	PRIV_CYR	1	948	(0:3)
Current private coverage through household member				Private coverage last year			
Values: 0= Niu 1= Yes 2= No				Values: 0=Infant born after calendar year 1=Covered none of last year 2=Covered some of last year 3=Covered all of last year			
Universe: NOW_PRIV = 1				Universe: All persons			
NOW_OUTPRIV	1	942	(0:2)	SubTopic: Employment-based coverage			
Current private coverage through someone outside the household				DEPGRP	1	949	(0:2)
Values: 0= Niu 1= Yes 2= No				Employment-based coverage through household member last year			
Universe: NOW_PRIV = 1				Values: 0= Niu 1= Yes 2= No			
NOW_OWNPRI	1	943	(0:2)	Universe: GRP = 1			
Current private coverage - policyholder				GRP	1	950	(0:2)
Values: 0= Niu 1= Yes 2= No				Any employment-based coverage last year			
Universe: NOW_PRIV = 1				Values: 0= Infant born after calendar year 1= Yes 2= No			
NOW_PRIV	1	944	(1:2)	Universe: All Persons			
Current private coverage				GRPFTYP	1	951	(0:2)
Values: 1= Yes 2= No				Type of employment-based plan last year 1			
Universe: All Persons				Values: 0= Out of universe 1= Family plan 2= Self-only plan			
OUTPRIV	1	945	(0:2)	Universe: OWNGRP = 1			
Private coverage through someone outside last year				GRPFTYP2	1	952	(0:3)
Values: 0 = Niu 1 = Yes 2 = No				Type of employment-based plan last year 2 (See https://www.census.gov/topics/health/health-insurance/guidance.html)			
Universe: PRIV = 1				Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan			
OWNPRIV	1	946	(0:2)	Universe: OWNGRP = 1			
Private coverage last year - policyholder				GRPLIN1	2	953	(0:20)
Values: 0 = Niu 1 = Yes 2 = No				Policyholder line number 1 - employment-based coverage last year			
Universe: PRIV = 1				Values: 0 = Not in universe 1 - 20 = Line number			
PRIV	1	947	(0:2)	Universe: DEPGRP = 1			
Covered by private plan last year							
Values: 0= Infant born after calendar year 1= Yes 2= No							
Universe: All Persons							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
GRPOUT	1	955	(0:2)	I_NOW_DEPGRP	2	965	(-1:3)
Provided employment-based coverage to someone outside HH last year				Allocation flag for NOW_DEPGRP			
Values: 0= Niu 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: GRP = 1				Universe: NOW_GRP = 1			
HIPAIID	1	956	(0:3)	I_NOW_GRP	1	967	(0:3)
Employer paid all, some or no premiums last year				Allocation flag for NOW_GRP			
Values: 0= Niu 1= employer paid all of premiums 2= employer paid some of premiums 3= employer paid none of premiums				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: OWNGRP = 1				Universe: All Persons			
I_DEPGRP	2	957	(-1:3)	I_NOW_GRPOUT	2	968	(-1:3)
Allocation flag for DEPGRP				Allocation flag for NOW_GRPOUT			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: GRP = 1				Universe: NOW_OWNGRP = 1			
I_GRP	2	959	(-1:3)	I_NOW_HIPAIID	2	970	(-1:3)
Allocation flag for GRP				Allocation flag for NOW_HIPAIID			
Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: NOW_OWNGRP = 1			
I_GRPOUT	2	961	(-1:3)	I_NOW_OUTGRP	2	972	(-1:3)
Allocation flag for GRPOUT				Allocation flag for NOW_OUTGRP			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: OWNGRP = 1				Universe: NOW_GRP = 1			
I_HIPAIID	2	963	(-1:3)	I_NOW_OWNGRP	2	974	(-1:3)
Allocation flag for HIPAIID				Allocation flag for NOW_OWNGRP			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: OWNGRP = 1				Universe: NOW_GRP = 1			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
I_OUTGRP	2	976	(-1:3)	NOW_GRPOUT	1	986	(0:2)
Allocation flag for OUTGRP				Currently provides employment-based coverage to someone outside HH last year			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0= Niu 1= Yes 2= No			
Universe: GRP = 1				Universe: NOW_GRP = 1			
I_OWNGRP	2	978	(-1:3)	NOW_HIPAI	1	987	(0:3)
Allocation flag for OWNGRP				Employer currently pays all, some or no premiums			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0= Niu 1= employer paid all of premiums 2= employer paid some of premiums 3= employer paid none of premiums			
Universe: GRP = 1				Universe: NOW_OWNGRP = 1			
NOW_DEPGRP	1	980	(0:2)	NOW_OUTGRP	1	988	(0:2)
Current employment-based coverage through household member				Current employment-based coverage through someone outside HH			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NOW_GRP = 1				Universe: NOW_GRP = 1			
NOW_GRP	1	981	(1:2)	NOW_OWNGRP	1	989	(0:2)
Any current employment-based coverage				Current employment-based coverage - policyholder			
Values: 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: All Persons				Universe: NOW_GRP = 1			
NOW_GRPFTYP	1	982	(0:2)	OUTGRP	1	990	(0:2)
Type of current employment-based plan 1				Employment-based coverage through someone outside HH last year			
Values: 0= Out of universe 1= Family plan 2= Self-only plan				Values: 0 = Niu 1 = Yes 2 = No			
Universe: NOW_OWNGRP = 1				Universe: GRP = 1			
NOW_GRPFTYP2	1	983	(0:3)	OWNGRP	1	991	(0:2)
Type of current employment-based plan 2				Employment-based coverage last year - policyholder			
Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan				Values: 0 = Niu 1 = Yes 2 = No			
Universe: NOW_OWNGRP = 1				Universe: GRP = 1			
NOW_GRPLIN	2	984	(0:20)				
Policyholder line number - current employment-based coverage							
Values: 0 - 20							
Universe: NOW_DEPGRP = 1							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
SubTopic: Direct-purchase coverage				I_DEPDIR	2	999	(-1:3)
DEPDIR	1	992	(0:2)	Allocation flag for DEPDIR			
Direct-purchase coverage through household member last year				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0= Niu 1= Yes 2= No				Universe: DIR = 1			
Universe: DIR = 1							
DIR	1	993	(0:2)	I_DIR	2	1001	(-1:3)
Any direct-purchase coverage last year				Allocation flag for DIR			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			
DIRFTYP	1	994	(0:2)	I_DIROUT	2	1003	(-1:3)
Type of direct-purchase plan last year 1				Allocation flag for DIROUT			
Values: 0= Out of universe 1= Family plan 2= Self-only plan				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: OWNDIR = 1				Universe: OWNDIR = 1			
DIRFTYP2	1	995	(0:3)	I_NOW_DEPDIR	2	1005	(-1:3)
Type of direct-purchase plan last year 2				Allocation flag for NOW_DEPDIR			
Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: OWNDIR = 1				Universe: NOW_DIR = 1			
DIRLIN1	2	996	(0:20)	I_NOW_DIR	1	1007	(0:3)
Policyholder line number 1 - direct-purchase coverage last year				Allocation flag for NOW_DIR			
Values: 0 = Not in universe 1 - 20 = Line number				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: DEPDIR = 1				Universe: All Persons			
DIROUT	1	998	(0:2)	I_NOW_DIROUT	2	1008	(-1:3)
Provided direct-purchase coverage to someone outside HH last year				Allocation flag for NOW_DIROUT			
Values: 0= Niu 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: DIR = 1				Universe: NOW_OWNDIR = 1			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
I_NOW_OUTDIR	2	1010	(-1:3)	NOW_DIRFTYP	1	1020	(0:2)
Allocation flag for NOW_OUTDIR				Type of current direct-purchase plan 1			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0= Out of universe 1= Family plan 2= Self-only plan			
Universe: NOW_DIR = 1				Universe: NOW_OWNDIR = 1			
I_NOW_OWNDIR	2	1012	(-1:3)	NOW_DIRFTYP2	1	1021	(0:3)
Allocation flag for NOW_OWNDIR				Type of current direct-purchase plan 2			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan			
Universe: NOW_DIR = 1				Universe: NOW_OWNDIR = 1			
I_OUTDIR	2	1014	(-1:3)	NOW_DIRLIN	2	1022	(0:20)
Allocation flag for OUTDIR				Policyholder line number - current direct-purchase coverage			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0 - 20			
Universe: DIR = 1				Universe: NOW_DEPDIR = 1			
I_OWNDIR	2	1016	(-1:3)	NOW_DIROUT	1	1024	(0:2)
Allocation flag for OWNDIR				Currently provides direct-purchase coverage to someone outside HH last year			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0= Niu 1= Yes 2= No			
Universe: DIR = 1				Universe: NOW_DIR = 1			
NOW_DEPDIR	1	1018	(0:2)	NOW_OUTDIR	1	1025	(0:2)
Current direct-purchase coverage through household member				Current direct-purchase coverage through someone outside HH			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NOW_DIR = 1				Universe: NOW_DIR = 1			
NOW_DIR	1	1019	(1:2)	NOW_OWNDIR	1	1026	(0:2)
Any current direct-purchase coverage				Current direct-purchase coverage - policyholder			
Values: 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: All Persons				Universe: NOW_DIR = 1			
				OUTDIR	1	1027	(0:2)
				Direct-purchase coverage through someone outside HH last year			
				Values: 0= Niu 1= Yes 2= No			
				Universe: DIR = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
OWNDIR	1	1028	(0:2)	I_NOW_MRK	1	1038	(0:3)
Direct-purchase coverage last year - policyholder				Allocation flag for MRK			
Values: 0 = Niu 1 = Yes 2 = No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: DIR = 1				Universe: All Persons			
SubTopic: Marketplace coverage				I_NOW_MRKOUT	2	1039	(-1:3)
DEPMRK	1	1029	(0:2)	Allocation flag for NOW_MRKOUT			
Marketplace coverage through household member last year				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0= Niu 1= Yes 2= No				Universe: NOW_OWNMRK = 1			
Universe: MRK = 1				I_NOW_OUTMRK	2	1041	(-1:3)
I_DEPMRK	2	1030	(-1:3)	Allocation flag for NOW_OUTMRK			
Allocation flag for DEPMRK				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MRK = 1			
Universe: MRK = 1				I_NOW_OWNMRK	2	1043	(-1:3)
I_MRK	2	1032	(-1:3)	Allocation flag for NOW_OWNMRK			
Allocation flag for MRK				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MRK = 1			
Universe: All Persons				I_OUTMRK	2	1045	(-1:3)
I_MRKOUT	2	1034	(-1:3)	Allocation flag for OUTMRK			
Allocation flag for MRKOUT				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: MRK = 1			
Universe: OWNMRK = 1				I_OWNMRK	2	1047	(-1:3)
I_NOW_DEPMRK	2	1036	(-1:3)	Allocation flag for OWNMRK			
Allocation flag for NOW_DEPMRK				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: MRK = 1			
Universe: NOW_MRK = 1							

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
MRK	1	1049	(0:2)	NOW_MRKFTYP	1	1057	(0:2)
Any Marketplace coverage last year				Type of current Marketplace plan 1			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: 0= Out of universe 1= Family plan 2= Self-only plan			
Universe: All Persons				Universe: NOW_OWNRMRK = 1			
MRKFTYP	1	1050	(0:2)	NOW_MRKFTYP2	1	1058	(0:3)
Type of Marketplace plan last year 1				Type of current Marketplace plan 2			
Values: 0= Out of universe 1= Family plan 2= Self-only plan				Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan			
Universe: OWNMRK = 1				Universe: NOW_OWNRMRK = 1			
MRKFTYP2	1	1051	(0:3)	NOW_MRKLIN	2	1059	(0:20)
Type of Marketplace plan last year 2				Policyholder line number - current Marketplace coverage			
Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan				Values: 0 - 20			
Universe: OWNMRK = 1				Universe: NOW_DEPMRK = 1			
MRKLIN1	2	1052	(0:20)	NOW_MRKOUT	1	1061	(0:2)
Policyholder line number 1 - Marketplace coverage last year				Currently provides Marketplace coverage to someone outside HH last year			
Values: 0 - 20				Values: 0= Niu 1= Yes 2= No			
Universe: DEPMRK = 1				Universe: NOW_MRK = 1			
MRKOUT	1	1054	(0:2)	NOW_OUTMRK	1	1062	(0:2)
Provided Marketplace coverage to someone outside HH last year				Current Marketplace coverage through someone outside HH			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: MRK = 1				Universe: NOW_MRK = 1			
NOW_DEPMRK	1	1055	(0:2)	NOW_OWNRMRK	1	1063	(0:2)
Current Marketplace coverage through household member				Current Marketplace coverage - policyholder			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NOW_MRK = 1				Universe: NOW_MRK = 1			
NOW_MRK	1	1056	(1:2)	OUTMRK	1	1064	(0:2)
Any current Marketplace coverage				Marketplace coverage through someone outside HH last year			
Values: 1= Yes 2= No				Values: 0 = Niu 1 = Yes 2 = No			
Universe: All Persons				Universe: MRK = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
OWNMRK	1	1065	(0:2)	I_NOW_MRKS	1	1075	(0:3)
Marketplace coverage last year - policyholder				Allocation flag for MRKS			
Values: 0 = Niu 1 = Yes 2 = No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: MRK = 1				Universe: All Persons			
SubTopic: Subsidized Marketplace coverage				I_NOW_MRKSOUT	2	1076	(-1:3)
DEPMRKS	1	1066	(0:2)	Allocation flag for NOW_MRKSOUT			
Subsidized Marketplace coverage through household member last year				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0= Niu 1= Yes 2= No				Universe: NOW_OWNMRKS = 1			
Universe: MRKS = 1				I_NOW_OUTMRKS	2	1078	(-1:3)
I_DEPMRKS	2	1067	(-1:3)	Allocation flag for NOW_OUTMRKS			
Allocation flag for DEPMRKS				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MRKS = 1			
Universe: MRKS = 1				I_NOW_OWNMRKS	2	1080	(-1:3)
I_MRKS	2	1069	(-1:3)	Allocation flag for NOW_OWNMRKS			
Allocation flag for MRKS				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MRKS = 1			
Universe: All Persons				I_OUTMRKS	2	1082	(-1:3)
I_MRKSOUT	2	1071	(-1:3)	Allocation flag for OUTMRKS			
Allocation flag for MRKSOUT				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: MRKS = 1			
Universe: OWNMRKS = 1				I_OWNMRKS	2	1084	(-1:3)
I_NOW_DEPMRKS	2	1073	(-1:3)	Allocation flag for OWNMRKS			
Allocation flag for NOW_DEPMRKS				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: MRKS = 1			
Universe: NOW_MRKS = 1							

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
MRKS	1	1086	(0:2)	NOW_MRKSFTYP	1	1094	(0:2)
Any subsidized Marketplace coverage last year				Type of current subsidized Marketplace plan 1			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: 0= Out of universe 1= Family plan 2= Self-only plan			
Universe: All Persons				Universe: NOW_OWNRKS = 1			
MRKSFTYP	1	1087	(0:2)	NOW_MRKSFTYP2	1	1095	(0:3)
Type of subsidized Marketplace coverage last year 1				Type of current subsidized Marketplace plan 2			
Values: 0= Out of universe 1= Family plan 2= Self-only plan				Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan			
Universe: OWNRKS = 1				Universe: NOW_OWNRKS = 1			
MRKSFTYP2	1	1088	(0:3)	NOW_MRKSLIN	2	1096	(0:20)
Type of subsidized Marketplace coverage last year 2				Policyholder line number - current subsidized Marketplace coverage			
Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan				Values: 0 - 20			
Universe: OWNRKS = 1				Universe: NOW_DEPMRKS = 1			
MRKSLIN1	2	1089	(0:20)	NOW_MRKSOUT	1	1098	(0:2)
Policyholder line number 1 - subsidized Marketplace coverage last year				Currently provides subsidized Marketplace coverage to someone outside HH last year			
Values: 0 - 20				Values: 0= Niu 1= Yes 2= No			
Universe: DEPMRKS = 1				Universe: NOW_OWNRKS = 1			
MRKSOUT	1	1091	(0:2)	NOW_OUTMRKS	1	1099	(0:2)
Provided subsidized Marketplace coverage to someone outside HH last year				Current subsidized Marketplace coverage through someone outside HH			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: MRKS = 1				Universe: NOW_MRKS = 1			
NOW_DEPMRKS	1	1092	(0:2)	NOW_OWNRKS	1	1100	(0:2)
Current subsidized Marketplace coverage through household member				Current subsidized Marketplace coverage - policyholder			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NOW_MRKS = 1				Universe: NOW_MRKS = 1			
NOW_MRKS	1	1093	(1:2)	OUTMRKS	1	1101	(0:2)
Any current subsidized Marketplace coverage				Subsidized Marketplace coverage through someone outside HH last year			
Values: 1= Yes 2= No				Values: 0 = Niu 1 = Yes 2 = No			
Universe: All Persons				Universe: MRKS = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
OWNMRKS	1	1102	(0:2)	I_NOW_MRKUN	1	1112	(0:3)
Subsidized Marketplace coverage last year - policyholder				Allocation flag for MRKUN			
Values: 0 = Niu 1 = Yes 2 = No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: MRKS = 1				Universe: All Persons			
SubTopic: Unsubsidized Marketplace coverage				I_NOW_MRKUNOUT	2	1113	(-1:3)
DEPMRKUN	1	1103	(0:2)	Allocation flag for NOW_MRKUNOUT			
Unsubsidized Marketplace coverage through household member last year				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0 = Niu 1 = Yes 2 = No				Universe: NOW_OWNMRKUN = 1			
Universe: MRKUN = 1				I_NOW_OUTMRKUN	2	1115	(-1:3)
I_DEPMRKUN	2	1104	(-1:3)	Allocation flag for NOW_OUTMRKUN			
Allocation flag for DEPMRKUN				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MRKUN = 1			
Universe: MRKUN = 1				I_NOW_OWNMRKUN	2	1117	(-1:3)
I_MRKUN	2	1106	(-1:3)	Allocation flag for NOW_OWNMRKUN			
Allocation flag for MRKUN				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MRKUN = 1			
Universe: All Persons				I_OUTMRKUN	2	1119	(-1:3)
I_MRKUNOUT	2	1108	(-1:3)	Allocation flag for OUTMRKUN			
Allocation flag for MRKUNOUT				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: MRKUN = 1			
Universe: OWNMRKUN = 1				I_OWNMRKUN	2	1121	(-1:3)
I_NOW_DEPMRKUN	2	1110	(-1:3)	Allocation flag for OWNMRKUN			
Allocation flag for NOW_DEPMRKUN				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: MRKUN = 1			
Universe: NOW_MRKUN = 1							

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
MRKUN	1	1123	(0:2)	NOW_MRKUNFTYP	1	1131	(0:2)
Any unsubsidized Marketplace coverage last year				Type of current unsubsidized Marketplace plan 1			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: 0= Out of universe 1= Family plan 2= Self-only plan			
Universe: All Persons				Universe: NOW_OWNMRKUN = 1			
MRKUNFTYP	1	1124	(0:2)	NOW_MRKUNFTYP2	1	1132	(0:3)
Type of unsubsidized Marketplace coverage last year 1				Type of current unsubsidized Marketplace plan 2			
Values: 0= Out of universe 1= Family plan 2= Self-only plan				Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan			
Universe: OWNMRKUN = 1				Universe: NOW_OWNMRKUN = 1			
MRKUNFTYP2	1	1125	(0:3)	NOW_MRKUNLIN	2	1133	(0:20)
Type of unsubsidized Marketplace coverage last year 2				Policyholder line number - current unsubsidized Marketplace coverage			
Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan				Values: 0 - 20			
Universe: OWNMRKUN = 1				Universe: NOW_DEPMRKUN = 1			
MRKUNLIN1	2	1126	(0:20)	NOW_MRKUNOUT	1	1135	(0:2)
Policyholder line number 1 - unsubsidized Marketplace coverage last year				Currently provides unsubsidized Marketplace coverage to someone outside HH last year			
Values: 0 - 20				Values: 0= Niu 1= Yes 2= No			
Universe: DEPMRKUN = 1				Universe: NOW_OWNMRKUN = 1			
MRKUNOUT	1	1128	(0:2)	NOW_OUTMRKUN	1	1136	(0:2)
Provided unsubsidized Marketplace coverage to someone outside HH last year				Current unsubsidized Marketplace coverage through someone outside HH			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: MRKUN = 1				Universe: NOW_MRKUN = 1			
NOW_DEPMRKUN	1	1129	(0:2)	NOW_OWNMRKUN	1	1137	(0:2)
Current unsubsidized Marketplace coverage through household member				Current unsubsidized Marketplace coverage - policyholder			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NOW_MRKUN = 1				Universe: NOW_MRKUN = 1			
NOW_MRKUN	1	1130	(1:2)	OUTMRKUN	1	1138	(0:2)
Any current unsubsidized Marketplace coverage				Unsubsidized Marketplace coverage through someone outside HH last year			
Values: 1= Yes 2= No				Values: 0 = Niu 1 = Yes 2 = No			
Universe: All Persons				Universe: MRKUN = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
OWNMRKUN	1	1139	(0:2)	I_NOW_NONM	1	1149	(0:3)
Unsubsidized Marketplace coverage last year - policyholder				Allocation flag for NOW_NONM			
Values: 0 = Niu 1 = Yes 2 = No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: MRKUN = 1				Universe: All Persons			
SubTopic: Non-Marketplace coverage				I_NOW_NONMOUT	2	1150	(-1:3)
DEPNONM	1	1140	(0:2)	Allocation flag for NOW_NONMOUT			
Non-Marketplace coverage through household member last year				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0= Niu 1= Yes 2= No				Universe: NOW_OWNNONM = 1			
Universe: NONM = 1				I_NOW_OUTNONM	2	1152	(-1:3)
I_DEPNONM	2	1141	(-1:3)	Allocation flag for NOW_OUTNONM			
Allocation flag for DEPNONM				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_NONM = 1			
Universe: NONM = 1				I_NOW_OWNNONM	2	1154	(-1:3)
I_NONM	2	1143	(-1:3)	Allocation flag for NOW_OWNNONM			
Allocation flag for NONM				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_NONM = 1			
Universe: All Persons				I_OUTNONM	2	1156	(-1:3)
I_NONMOUT	2	1145	(-1:3)	Allocation flag for OUTNONM			
Allocation flag for NONMOUT				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NONM = 1			
Universe: OWNNONM = 1				I_OWNNONM	2	1158	(-1:3)
I_NOW_DEPNONM	2	1147	(-1:3)	Allocation flag for OWNNONM			
Allocation flag for NOW_DEPNONM				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NONM = 1			
Universe: NOW_NONM = 1							

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
NONM	1	1160	(0:2)	NOW_NONMFTYP	1	1168	(0:2)
Any non-Marketplace coverage last year				Type of current non-Marketplace plan 1			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: 0= Out of universe 1= Family plan 2= Self-only plan			
Universe: All Persons				Universe: NOW_OWNNONM = 1			
NONMFTYP	1	1161	(0:2)	NOW_NONMFTYP2	1	1169	(0:3)
Type of non-Marketplace plan last year 1				Type of current non-Marketplace plan 2			
Values: 0= Out of universe 1= Family plan 2= Self-only plan				Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan			
Universe: OWNNONM = 1				Universe: NOW_OWNNONM = 1			
NONMFTYP2	1	1162	(0:3)	NOW_NONMLIN	2	1170	(0:20)
Type of non-Marketplace plan last year 2				Policyholder line number - current non-Marketplace coverage			
Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan				Values: 0 - 20			
Universe: OWNNONM = 1				Universe: NOW_DEPNONM = 1			
NONMLIN1	2	1163	(0:20)	NOW_NONMOUT	1	1172	(0:2)
Policyholder line number 1 - non-Marketplace coverage last year				Currently provides non-Marketplace coverage to someone outside HH last year			
Values: 0 - 20				Values: 0= Niu 1= Yes 2= No			
Universe: DEPNONM = 1				Universe: NOW_OWNNONM = 1			
NONMOUT	1	1165	(0:2)	NOW_OUTNONM	1	1173	(0:2)
Provided non-Marketplace coverage to someone outside HH last year				Current non-Marketplace coverage through someone outside HH			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NONM = 1				Universe: NOW_NONM = 1			
NOW_DEPNONM	1	1166	(0:2)	NOW_OWNNONM	1	1174	(0:2)
Current non-Marketplace coverage through household member				Current non-Marketplace coverage - policyholder			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NOW_NONM = 1				Universe: NOW_NONM = 1			
NOW_NONM	1	1167	(1:2)	OUTNONM	1	1175	(0:2)
Any current non-Marketplace coverage				Non-Marketplace coverage through someone outside HH last year			
Values: 1= Yes 2= No				Values: 0 = Niu 1 = Yes 2 = No			
Universe: All Persons				Universe: NONM = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
OWNNONM	1	1176	(0:2)	I_CAID	2	1183	(-1:3)
Non-Marketplace coverage last year - policyholder				Allocation flag for CAID			
Values: 0 = Niu 1 = Yes 2 = No				Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: NONM = 1				Universe: All Persons			
SubTopic: Medicaid or other means-tested coverage				I_NOW_CAID	1	1185	(0:3)
I_MCAID	2	1177	(-1:3)	Allocation flag for NOW_CAID			
Allocation flag for MCAID				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: All Persons			
Universe: All Persons				MCAID_CYR	1	1186	(0:3)
I_NOW_MCAID	1	1179	(0:3)	Medicaid coverage last year			
Allocation flag for NOW_MCAID				Values: 0=Infant born after calendar year 1=Covered none of last year 2=Covered some of last year 3=Covered all of last year			
Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: All persons			
Universe: All Persons				NOW_CAID	1	1187	(1:2)
MCAID	1	1180	(0:2)	Current Medicaid coverage			
Medicaid, PCHIP or other means-tested coverage last year				Values: 1= Yes 2= No			
Values: 0= Infant born after calendar year 1= Yes 2= No				Universe: All Persons			
Universe: All Persons				SubTopic: Other means-tested coverage			
NOW_MCAID	1	1181	(1:2)	I_NOW_OTHMT	1	1188	(0:3)
Current Medicaid, PCHIP, or other means-tested coverage				Allocation flag for NOW_OTHMT			
Values: 1= Yes 2= No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			
SubTopic: Medicaid coverage				I_OTHMT	2	1189	(-1:3)
CAID	1	1182	(0:2)	Allocation flag for OTHMT			
Medicaid coverage last year				Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0= Infant born after calendar year 1= Yes 2= No				Universe: All Persons			
Universe: All Persons							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
NOW_OTHMT	1	1191	(1:2)	SubTopic: Medicare coverage			
Current other means-tested coverage				I_MCARE	2	1198	(-1:3)
Values: 1= Yes 2= No				Allocation flag for MCARE			
Universe: All Persons				Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
				Universe: All Persons			
OTHMT	1	1192	(0:2)	I_NOW_MCARE	1	1200	(0:3)
Other means-tested coverage last year				Allocation flag for NOW_MCARE			
Values: 0 = Infant born after calendar year 1 = Yes 2 = No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			
SubTopic: PCHIP coverage				MCARE	1	1201	(0:2)
I_NOW_PCHIP	1	1193	(0:3)	Medicare coverage last year			
Allocation flag for NOW_PCHIP				Values: 0= Infant born after calendar year 1= Yes 2= No			
Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: All Persons			
Universe: All Persons				NOW_MCARE	1	1202	(1:2)
I_PCHIP	2	1194	(-1:3)	Current Medicare coverage			
Allocation flag for PCHIP				Values: 1= Yes 2= No			
Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: All Persons			
Universe: All Persons				SubTopic: Indian Health Service coverage			
NOW_PCHIP	1	1196	(1:2)	I_IHSFLG	2	1203	(-1:3)
Current PCHIP coverage				Allocation flag for IHSFLG			
Values: 1= Yes 2= No				Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			
PCHIP	1	1197	(0:2)	I_NOW_IHSFLG	1	1205	(0:3)
PCHIP coverage last year				Allocation flag for NOW_IHSFLG			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
IHSFLG	1	1206	(0:2)	I_NOW_DEPMIL	2	1215	(-1:3)
Coverage through the Indian Health Service last year				Allocation flag for NOW_DEPMIL			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: NOW_MIL = 1			
NOW_IHSFLG	1	1207	(1:2)	I_NOW_MIL	1	1217	(0:3)
Current coverage through the Indian Health Service				Allocation flag for NOW_MIL			
Values: 1= Yes 2= No				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: All Persons				Universe: All Persons			
SubTopic: TRICARE coverage				I_NOW_MILOUT	2	1218	(-1:3)
DEPMIL	1	1208	(0:2)	Allocation flag for NOW_MILOUT			
TRICARE coverage through household member last year				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: 0= Niu 1= Yes 2= No				Universe: NOW_OWNMIL = 1			
Universe: MIL = 1				I_NOW_OUTMIL	2	1220	(-1:3)
I_DEPMIL	2	1209	(-1:3)	Allocation flag for NOW_OUTMIL			
Allocation flag for DEPMIL				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MIL = 1			
Universe: MIL = 1				I_NOW_OWNMIL	2	1222	(-1:3)
I_MIL	2	1211	(-1:3)	Allocation flag for NOW_OWNMIL			
Allocation flag for MIL				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: NOW_MIL = 1			
Universe: All Persons				I_OUTMIL	2	1224	(-1:3)
I_MILOUT	2	1213	(-1:3)	Allocation flag for OUTMIL			
Allocation flag for MILOUT				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: MIL = 1			
Universe: OWNMIL = 1							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_OWNMIL	2	1226	(-1:3)	NOW_MIL	1	1235	(1:2)
Allocation flag for OWNMIL				Any current TRICARE coverage			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 1= Yes 2= No			
Universe: MIL = 1				Universe: All Persons			
MIL	1	1228	(0:2)	NOW_MILFTYP	1	1236	(0:2)
Any TRICARE coverage last year				Type of current TRICARE plan 1			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: 0= Out of universe 1= Family plan 2= Self-only plan			
Universe: All Persons				Universe: NOW_OWNMIL = 1			
MILFTYP	1	1229	(0:2)	NOW_MILFTYP2	1	1237	(0:3)
Type of TRICARE plan last year 1				Type of current TRICARE plan 2			
Values: 0= Out of universe 1= Family plan 2= Self-only plan				Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan			
Universe: OWNMIL = 1				Universe: NOW_OWNMIL = 1			
MILFTYP2	1	1230	(0:3)	NOW_MILLIN	2	1238	(0:20)
Type of TRICARE plan last year 2				Policyholder line number - current TRICARE coverage			
Values: 0= Out of universe 1= Family plan 2= Self plus one 3= Self-only plan				Values: 0 - 20			
Universe: OWNMIL = 1				Universe: NOW_DEPMIL = 1			
MILLIN1	2	1231	(0:20)	NOW_MILOUT	1	1240	(0:2)
Policyholder line number 1 - TRICARE coverage last year				Currently provides TRICARE coverage to someone outside HH last year			
Values: 0 - 20				Values: 0= Niu 1= Yes 2= No			
Universe: DEPMIL = 1				Universe: NOW_MIL = 1			
MILOUT	1	1233	(0:2)	NOW_OUTMIL	1	1241	(0:2)
Provided TRICARE coverage to someone outside HH last year				Current TRICARE coverage through someone outside HH			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: MIL = 1				Universe: NOW_MIL = 1			
NOW_DEPMIL	1	1234	(0:2)	NOW_OWNMIL	1	1242	(0:2)
Current TRICARE coverage through household member				Current TRICARE coverage - policyholder			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: NOW_MIL = 1				Universe: NOW_MIL = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
OUTMIL 1 1243 (0:2)				SubTopic: VACARE coverage			
TRICARE coverage through someone outside HH last year				I_NOW_VACARE 1 1250 (0:3)			
Values: 0 = Niu 1 = Yes 2 = No				Allocation flag for NOW_VACARE			
Universe: MIL = 1				Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
OWNMIL 1 1244 (0:2)				Universe: All Persons			
TRICARE coverage last year - policyholder				I_VACARE 2 1251 (-1:3)			
Values: 0 = Niu 1 = Yes 2 = No				Allocation flag for VACARE			
Universe: MIL = 1				Values: -1= Infant born after calendar year 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
SubTopic: CHAMPVA coverage				Universe: All Persons			
CHAMPVA 1 1245 (0:2)				NOW_VACARE 1 1253 (1:2)			
CHAMPVA coverage last year				Current VACARE coverage			
Values: 0= Infant born after calendar year 1= Yes 2= No				Values: 1= Yes 2= No			
Universe: All Persons				Universe: All Persons			
I_CHAMPVA 2 1246 (-1:3)				VACARE 1 1254 (0:2)			
Allocation flag for CHAMPVA				VACARE coverage last year			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0= Infant born after calendar year 1= Yes 2= No			
Universe: All Persons				Universe: All Persons			
I_NOW_CHAMPVA 1 1248 (0:3)				SubTopic: Medical out-of-pocket expenditures			
Allocation flag for NOW_CHAMPVA				I_MCPREM 2 1255 (-1:2)			
Values: 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Allocation flag: Medicare premium amount (PEMCPREM)			
Universe: All Persons				Values: 0=Reported 2=Logical Imputation -1=NIU			
NOW_CHAMPVA 1 1249 (1:2)				Universe: MCARE=1			
Current CHAMPVA coverage				I_MOOP 2 1257 (-1:3)			
Values: 1= Yes 2= No				Allocation flag for MOOP			
Universe: All Persons				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_MOOP2	2	1259	(-1:3)	MOOP2	7	1276	(0:9999999)
Allocation flag for MOOP2				Total medical out of pocket expenditures. Calculated from PHIP_VAL2, POTC_VAL, and PMED_VAL.			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0 - 9999999			
Universe: All Persons				Universe: All Persons			
I_PHIPVAL	2	1261	(-1:3)	PEMCPREM	5	1283	(0000:99999)
Allocation flag for PHIP_VAL				Edited Medicare premium amount			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: dollar amount			
Universe: All Persons				Universe: MCARE=1			
I_PHIPVAL2	2	1263	(-1:3)	PHIP_VAL	6	1288	(0:999999)
Allocation flag for PHIP_VAL2				Out of pocket expenditures for comprehensive and non-comprehensive health insurance premiums			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0 - 999999			
Universe: All Persons				Universe: All Persons			
I_PHIPVAL2	2	1263	(-1:3)	PHIP_VAL2	6	1294	(0:999999)
Allocation flag for PHIP_VAL2				Out of pocket expenditures for comprehensive and non-comprehensive health insurance premiums - alternative (See https://www.census.gov/topics/health/health-insurance/guidance.html)			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0 - 999999			
Universe: All Persons				Universe: All Persons			
I_PMEDVAL	2	1265	(-1:3)	PMED_VAL	6	1300	(0:999999)
Allocation flag for PMED_VAL				Out of pocket expenditures for non-premium medical care			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0 - 999999			
Universe: All Persons				Universe: All Persons			
I_POTCVAL	2	1267	(-1:3)	POTC_VAL	5	1306	(0:99999)
Allocation flag for POTC_VAL				Out of pocket expenditures for over the counter health related spending			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0 - 99999			
Universe: All Persons				Universe: All Persons			
MOOP	7	1269	(0:9999999)	TPMCPREM	1	1311	(0:1)
Total medical out of pocket expenditures. Calculated from PHIP_VAL, POTC_VAL, and PMED_VAL.				Topcode flag for PEMCPREM			
Values: 0 - 9999999				Values: 0 = Not topcoded 1 = Topcoded			
Universe: All Persons				Universe: PEMCPREM > 0			
				TPHIP_VAL	1	1312	(0:1)
				Topcode flag for PHIP_VAL			
				Values: 0 = not topcoded 1 = topcoded			
				Universe: PHIP_VAL > 0			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
TPHIP_VAL2	1	1313	(0:1)	ESIELIG4	1	1320	(0:2)
Topcode flag for PHIP_VAL2				Reason not eligible - Have a pre-existing condition (expanded universe)			
Values: 0 = not topcoded 1 = topcoded				Values: 0= Niu 1= Yes 2= No			
Universe: PHIP_VAL2 > 0				Universe: ESIOFFER = 1 AND ESICOULD = 2			
TPMED_VAL	1	1314	(0:1)	ESIELIG5	1	1321	(0:2)
Topcode flag for PMED_VAL				Reason not eligible - Too expensive (expanded universe)			
Values: 0 = not topcoded 1 = topcoded				Values: 0= Niu 1= Yes 2= No			
Universe: PMED_VAL > 0				Universe: ESIOFFER = 1 AND ESICOULD = 2			
TPOTC_VAL	1	1315	(0:1)	ESIELIG6	1	1322	(0:2)
Topcode flag for POTC_VAL				Reason not eligible - Other (expanded universe)			
Values: 0 = not topcoded; 1 = topcoded				Values: 0= Niu 1= Yes 2= No			
Universe: POTC_VAL > 0				Universe: ESIOFFER = 1 AND ESICOULD = 2			
SubTopic: Offer and take-up of employer-sponsored coverage				ESIOFFER	1	1323	(0:2)
ESICOULD	1	1316	(0:2)	Employer offers health insurance plan (expanded universe)			
Eligible to purchase employer's health insurance plan (expanded universe)				Values: 0=NIU 1=Yes 2=No			
Values: 0 = NIU 1 = Yes 2 = No				Universe: (NOW_OWNGRP = 0 or 2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)			
Universe: ESIOFFER = 1				ESITAKE1	1	1324	(0:2)
ESIELIG1	1	1317	(0:2)	Reason did not take up - Covered by another plan (expanded universe)			
Reason not eligible - Don't work enough hours per week or weeks per year (expanded universe)				Values: 0= Niu 1= Yes 2= No			
Values: 0= Niu 1= Yes 2= No				Universe: ESIOFFER = 1 AND ESICOULD = 1			
Universe: ESIOFFER = 1 AND ESICOULD = 2				ESITAKE2	1	1325	(0:2)
ESIELIG2	1	1318	(0:2)	Reason did not take up - Traded health insurance for higher pay (expanded universe)			
Reason not eligible - Contract or temporary employees not allowed in plan (expanded universe)				Values: 0= Niu 1= Yes 2= No			
Values: 0= Niu 1= Yes 2= No				Universe: ESIOFFER = 1 AND ESICOULD = 1			
Universe: ESIOFFER = 1 AND ESICOULD = 2				ESITAKE3	1	1326	(0:2)
ESIELIG3	1	1319	(0:2)	Reason did not take up - Too expensive (expanded universe)			
Reason not eligible - Have not yet worked for this employer long enough (expanded universe)				Values: 0= Niu 1= Yes 2= No			
Values: 0= Niu 1= Yes 2= No				Universe: ESIOFFER = 1 AND ESICOULD = 1			
Universe: ESIOFFER = 1 AND ESICOULD = 2							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
ESITAKE4	1	1327	(0:2)	I_ESIELIG1	2	1334	(-1:3)
Reason did not take up - Don't need health insurance (expanded universe)				Allocation flag for ESIELIG1			
Values: 0= Niu 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER = 1 AND ESICOULD = 1				Universe: ESIOFFER=1 and ESICOULD=2			
ESITAKE5	1	1328	(0:2)	I_ESIELIG2	2	1336	(-1:3)
Reason did not take up - Have a pre-existing condition (expanded universe)				Allocation flag for ESIELIG2			
Values: 0= Niu 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER = 1 AND ESICOULD = 1				Universe: ESIOFFER=1 and ESICOULD=2			
ESITAKE6	1	1329	(0:2)	I_ESIELIG3	2	1338	(-1:3)
Reason did not take up - Have not yet worked for this employer long enough (expanded universe)				Allocation flag for ESIELIG3			
Values: 0= Niu 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER = 1 AND ESICOULD = 1				Universe: ESIOFFER=1 and ESICOULD=2			
ESITAKE7	1	1330	(0:2)	I_ESIELIG4	2	1340	(-1:3)
Reason did not take up - Contract or temporary employees not allowed in plan (expanded universe)				Allocation flag for ESIELIG4			
Values: 0= Niu 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER = 1 AND ESICOULD = 1				Universe: ESIOFFER=1 and ESICOULD=2			
ESITAKE8	1	1331	(0:2)	I_ESIELIG5	2	1342	(-1:3)
Reason did not take up - Other (expanded universe)				Allocation flag for ESIELIG5			
Values: 0= Niu 1= Yes 2= No				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER = 1 AND ESICOULD = 1				Universe: ESIOFFER=1 and ESICOULD=2			
I_ESICOULD	2	1332	(-1:3)	I_ESIELIG6	2	1344	(-1:3)
Allocation flag for ESICOULD				Allocation flag for ESIELIG6			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER=1				Universe: ESIOFFER=1 and ESICOULD=2			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_ESIOFFER	2	1346	(-1:3)	I_ESITAKE6	2	1358	(-1:3)
Allocation flag for ESIOFFER				Allocation flag for ESITAKE6			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: (NOW_OWNGRP = 0 or 2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)				Universe: ESIOFFER=1 and ESICOULD=1			
I_ESITAKE1	2	1348	(-1:3)	I_ESITAKE7	2	1360	(-1:3)
Allocation flag for ESITAKE1				Allocation flag for ESITAKE7			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER=1 and ESICOULD=1				Universe: ESIOFFER=1 and ESICOULD=1			
I_ESITAKE2	2	1350	(-1:3)	I_ESITAKE8	2	1362	(-1:3)
Allocation flag for ESITAKE2				Allocation flag for ESITAKE8			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER=1 and ESICOULD=1				Universe: ESIOFFER=1 and ESICOULD=1			
I_ESITAKE3	2	1352	(-1:3)	I_PECOUL	2	1364	(-1:3)
Allocation flag for ESITAKE3				Allocation flag for PECOUL			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER=1 and ESICOULD=1				Universe: PEOFFER = 1			
I_ESITAKE4	2	1354	(-1:3)	I_PEOFFER	2	1366	(-1:3)
Allocation flag for ESITAKE4				Allocation flag for PEOFFER			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER=1 and ESICOULD=1				Universe: (NOW_OWNGRP=2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)			
I_ESITAKE5	2	1356	(-1:3)	I_PEWNELIG1	2	1368	(-1:3)
Allocation flag for ESITAKE5				Allocation flag for PEWNELIG1			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: ESIOFFER=1 and ESICOULD=1				Universe: PEOFFER = 1 AND PECOUL = 2			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_PEWNELIG2	2	1370	(-1:3)	I_PEWNTAKE2	2	1382	(-1:3)
Allocation flag for PEWNELIG2				Allocation flag for PEWNTAKE2			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
I_PEWNELIG3	2	1372	(-1:3)	I_PEWNTAKE3	2	1384	(-1:3)
Allocation flag for PEWNELIG3				Allocation flag for PEWNTAKE3			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
I_PEWNELIG4	2	1374	(-1:3)	I_PEWNTAKE4	2	1386	(-1:3)
Allocation flag for PEWNELIG4				Allocation flag for PEWNTAKE4			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
I_PEWNELIG5	2	1376	(-1:3)	I_PEWNTAKE5	2	1388	(-1:3)
Allocation flag for PEWNELIG5				Allocation flag for PEWNTAKE5			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
I_PEWNELIG6	2	1378	(-1:3)	I_PEWNTAKE6	2	1390	(-1:3)
Allocation flag for PEWNELIG6				Allocation flag for PEWNTAKE6			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
I_PEWNTAKE1	2	1380	(-1:3)	I_PEWNTAKE7	2	1392	(-1:3)
Allocation flag for PEWNTAKE1				Allocation flag for PEWNTAKE7			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation			
Universe: PEOFFER = 1 AND PECOULD = 1				Universe: PEOFFER = 1 AND PECOULD = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_PEWNTAKE8	2	1394	(-1:3)	PEWNELIG4	1	1401	(0:2)
Allocation flag for PEWNTAKE8				Reason not eligible - Have a pre-existing condition			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Values: 0= Niu 1= Yes 2= No			
Universe: PEOFFER = 1 AND PECOULD = 1				Universe: PEOFFER = 1 AND PECOULD = 2			
PECOULD	1	1396	(0:2)	PEWNELIG5	1	1402	(0:2)
Eligible to purchase employer's health insurance plan				Reason not eligible - Too expensive			
Values: 0 = NIU 1 = Yes 2 = No				Values: 0= Niu 1= Yes 2= No			
Universe: PEOFFER = 1				Universe: PEOFFER = 1 AND PECOULD = 2			
PEOFFER	1	1397	(0:2)	PEWNELIG6	1	1403	(0:2)
Employer offers health insurance plan				Reason not eligible - Other			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: (NOW_OWNGRP=2) and (PEMLR = 1 or 2) and (PEIO1COW = 1,2,3,4,5,8,9, or 10)				Universe: PEOFFER = 1 AND PECOULD = 2			
PEWNELIG1	1	1398	(0:2)	PEWNTAKE1	1	1404	(0:2)
Reason not eligible - Don't work enough hours per week or weeks per year				Reason did not take up - Covered by another plan			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
PEWNELIG2	1	1399	(0:2)	PEWNTAKE2	1	1405	(0:2)
Reason not eligible - Contract or temporary employees not allowed in plan				Reason did not take up - Traded health insurance for higher pay			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
PEWNELIG3	1	1400	(0:2)	PEWNTAKE3	1	1406	(0:2)
Reason not eligible - Have not yet worked for this employer long enough				Reason did not take up - Too expensive			
Values: 0= Niu 1= Yes 2= No				Values: 0= Niu 1= Yes 2= No			
Universe: PEOFFER = 1 AND PECOULD = 2				Universe: PEOFFER = 1 AND PECOULD = 1			
				PEWNTAKE4	1	1407	(0:2)
				Reason did not take up - Don't need health insurance			
				Values: 0= Niu 1= Yes 2= No			
				Universe: PEOFFER = 1 AND PECOULD = 1			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
PEWNTAKE5	1	1408	(0:2)	Topic: Supplemental Poverty Measure			
Reason did not take up - Have a pre-existing condition				SubTopic: Record Identifier			
Values: 0= Niu 1= Yes 2= No				SPM_Head	1	1415	(0:1)
Universe: PEOFFER = 1 AND PECOULD = 1				Indicator for head of SPM resource unit			
				Values: 1 = Head of SPM unit 0 = Not head of SPM unit			
				Universe: All Persons			
PEWNTAKE6	1	1409	(0:2)	SPM_ID	8	1416	(0000000:99999999)
Reason did not take up - Have not yet worked for this employer long enough				SPM unit identification number			
Values: 0= Niu 1= Yes 2= No				Values: Unique identifier			
Universe: PEOFFER = 1 AND PECOULD = 1				Universe: All Persons			
PEWNTAKE7	1	1410	(0:2)	SubTopic: SPM Unit Characteristics			
Reason did not take up - Contract or temporary employees not allowed in plan				SPM_ACTC	5	1424	(0:99999)
Values: 0= Niu 1= Yes 2= No				SPM units Additional Child Tax Credit			
Universe: PEOFFER = 1 AND PECOULD = 1				Values: \$0 to \$99,999			
				Universe: All Persons			
PEWNTAKE8	1	1411	(0:2)	SPM_BBSUBVAL	3	1429	(0:999)
Reason did not take up - Other				SPM unit's Broadband/Internet Subsidy			
Values: 0= Niu 1= Yes 2= No				Values: 0 = none 1-999 = dollar amount			
Universe: PEOFFER = 1 AND PECOULD = 1				Universe: All persons			
SubTopic: Health status				SPM_CapHouseSub	5	1432	(00000:99999)
HEA	1	1412	(1:5)	SPM unit's capped housing subsidy			
Health status				Values: \$0 to \$99,999			
Values: 1= Excellent 2= Very good 3= Good 4= Fair 5= Poor				Universe: All Persons			
Universe: All persons				SPM_CapWkCCXpns	6	1437	(0:999999)
I_HEA	2	1413	(-1:3)	SPM unit's capped work and child care expenses			
Allocation flag for HEA				Values: \$0 to \$999,999			
Values: -1= Out of universe 0= Reported 1= Hotdeck imputation 2= Logical imputation 3= Whole unit imputation				Universe: All Persons			
Universe: All persons				SPM_ChildcareXpns	6	1443	(0:999999)
				SPM unit's child care expenses-not capped			
				Values: \$0 to \$999,999			
				Universe: All Persons			
				SPM_ChildSupPd	5	1449	(0:99999)
				SPM unit's child support paid			
				Values: \$0 to \$99,999			
				Universe: All Persons			

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
SPM_EITC	5	1454	(0:999999)	SPM_Hage	2	1497	(15:85)
SPM unit's Federal Earned Income Tax Credit				Head of SPM unit's age			
Values: \$0 to \$99,999				Values: 15...79 = 15 - 79 years of age			
Universe: All Persons				80 = 80 - 84 years of age			
				85 = 85 years of age and greater			
				Universe: All Persons			
SPM_EngVal	5	1459	(0000:10000)	SPM_HHisp	1	1499	(0:1)
SPM unit's energy subsidy				Head of SPM unit is Hispanic			
Values: \$0 to \$99,999				Values: 1 = Hispanic			
Universe: All Persons				0 = Not Hispanic			
				Universe: All Persons			
SPM_EquivScale	6	1464	(0.0000:3.0000)	SPM_HMaritalStatus	1	1500	(1:7)
Equivalence scale is used to adjust reference thresholds for the number of adults and children in the SPM unit and is normalized so that the scale for a 2 adult and 2 child SPM unit=1.				Head of SPM unit's marital status			
Values: 0 to 3 (with 4 decimals)				Values: 1 = Married - civilian spouse present			
Universe: All Persons				2 = Married - armed forces spouse present			
				3 = Married - spouse absent (excluding separated)			
				4 = Widowed			
				5 = Divorced			
				6 = Separated			
				7 = Never Married			
				Universe: All Persons			
SPM_FamType	1	1470	(1:5)	SPM_HRace	1	1501	(1:4)
SPM unit's family type				Head of SPM unit's race, not considering Hispanic			
Values: 1 = Married couple family				Values: 1 = White alone			
2 = Cohabiting partner				2 = Black alone			
3 = Female reference person				3 = Asian alone			
4 = Male reference person				4 = Other (American Indian, Alaska Native, Pacific Islander, Multiracial)			
5 = Unrelated individuals				Universe: All Persons			
Universe: All Persons							
SPM_FedTax	7	1471	(-999999:9999999)	SPM_MedXpns	7	1502	(0:9999999)
SPM unit's Federal tax				SPM unit's Medical Out-of-Pocket (MOOP) and Medicare Part B subsidy			
Values: -\$999,999 to \$9,999,999				Values: \$0 to \$9,999,999			
Universe: All Persons				Universe: All Persons			
SPM_FedTaxBC	7	1478	(-999999:9999999)	SPM_NumAdults	2	1509	(0:20)
SPM unit's Federal tax before refundable tax credits				SPM unit's number of adults			
Values: \$-999,999 to \$9,999,999				Values: 0 to 20			
Universe: All Persons				Universe: All Persons			
SPM_FICA	6	1485	(0:999999)	SPM_NumKids	2	1511	(0:20)
SPM unit's Federal Insurance Contributions Act and federal retirement contribution				SPM unit's number of children			
Values: \$0 to \$999,999				Values: 0 to 20			
Universe: All Persons				Universe: All Persons			
SPM_GeoAdj	6	1491	(0.0000:2.0000)				
SPM unit's geographic food, shelter, clothing and utility (FSCU) adjustment							
Values: 0 to 2 (with 4 decimals)							
Universe: All Persons							

Record Type: Person

<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>	<i>Variable</i>	<i>Length</i>	<i>Position</i>	<i>Range</i>
SPM_NumPer	2	1513	(0:20)	SPM_Totval	7	1546	(-999999:999999)
SPM unit's number of persons				SPM unit's cash income			
Values: 0 to 20				Values: -\$999,999 to \$9,999,999			
Universe: All Persons				Universe: All Persons			
SPM_Poor	1	1515	(0:1)	SPM_wCohabit	1	1553	(0:1)
SPM poverty status				SPM unit has cohabiting couple			
Values: 1 = In poverty 0 = Not in poverty				Values: 1 = Has cohabiting couple 0 = No cohabiting couple			
Universe: All Persons				Universe: All Persons			
SPM_PovThreshold	6	1516	(00000:999999)	SPM_Weight	7	1554	(9999:9999999)
SPM unit's SPM poverty threshold				SPM unit's integer weight			
Values: \$0 to \$999,999				Values:			
Universe: All Persons				Universe: All Persons			
SPM_Resources	7	1522	(-999999:9999999)	SPM_wFoster22	1	1561	(0:1)
Total SPM resources for SPM unit				SPM unit has a foster child under 22 years old			
Values: -\$999,999 to \$9,999,999				Values: 1 = Has foster child under 22 0 = No foster child under 22			
Universe: All Persons				Universe: All Persons			
SPM_SchLunch	5	1529	(0000:99999)	SPM_WICval	4	1562	(0000:9999)
SPM unit's school lunch subsidy				SPM unit's Women, Infants, and Children (WIC) subsidy			
Values:				Values: \$0 to \$9,999			
Universe: All Persons				Universe: All Persons			
SPM_SNAPSub	5	1534	(00000:99999)	SPM_WkXpns	5	1566	(0:99999)
SPM unit's Supplemental Nutrition Assistance Program (SNAP) subsidy				SPM unit's work expenses-not capped			
Values: \$0 to \$99,999				Values: \$0 to \$99,999			
Universe: All Persons				Universe: All Persons			
SPM_StTax	6	1539	(-9999:999999)	SPM_wNewHead	1	1571	(0:1)
SPM unit's state tax				SPM unit has a new head of household			
Values: -\$9,999 to \$999,999				Values: 1 = New head of household 0 = No new head of household			
Universe: All Persons				Universe: All Persons			
SPM_TenMortStatus	1	1545	(1:3)	SPM_wNewParent	1	1572	(0:1)
SPM unit's tenure/mortgage status				SPM unit has a new parent			
Values: 1 = Owner with Mortgage 2 = Owner without Mortgage or rent-free 3 = Renter				Values: 1 = New parent 0 = No new parent			
Universe: All Persons				Universe: All Persons			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
SPM_wUI_LT15	1	1573	(0:1)	MIG_MTR1	1	1578	(0:9)
SPM unit has an unrelated individual under 15 years old				Mover recode - metropolitan status before and after move			
Values: 1 = Has UI under 15 0 = No UI under 15				Values: 1 = Nonmover 2 = Metro to metro 3 = Metro to non-metro 4 = Non-metro to metro 5 = Non-metro to non-metro 6 = Abroad to metro 7 = Abroad to non-metro 8 = Not in universe (Children under 1 year old) 9 = Not identified			
Universe: All Persons				Universe: A_AGE>0			
Topic: Migration							
SubTopic: 1-Year							
MIG_CBST	1	1574	(0:4)	MIG_MTR3	1	1579	(0:8)
Metropolitan CBSA status of residence 1 year ago				Mover recode - within area moves			
Values: 0 = NIU (under 1 year old, nonmover) 1 = In a metropolitan CBSA 2 = Not in a metropolitan CBSA 3 = Abroad 4 = Not identified				Values: 1 = Nonmover 2 = Same county 3 = Different county, same state 4 = Different state, same division 5 = Different division, same region 6 = Different region 7 = Abroad 8 = Not in universe (children under 1 yr old)			
Universe: MIGSAME=2,3				Universe: A_AGE>0			
MIG_DIV	2	1575	(0:10)	MIG_MTR4	1	1580	(0:9)
Census division of previous year residence				Mover recode - region of previous residence			
Values: 0 = not in universe (under 1 year old, nonmover) 1 = new england 2 = middle atlantic 3 = east north central 4 = west north central 5 = south atlantic 6 = east south central 7 = west south central 8 = mountain 9 = pacific 10 = abroad				Values: 1 = nonmover 2 = same county 3 = different county, same state 4 = different state in northeast 5 = different state in midwest 6 = different state in south 7 = different state in west 8 = abroad, 9 = not in universe (children under 1 yr old)			
Universe: MIGSAME=2,3				Universe: A_AGE>0			
MIG_DSCP	1	1577	(0:5)	MIG_REG	1	1581	(0:5)
Principal city/balance status within metropolitan CBSA for residence 1 year ago				Census region			
Values: 0 = NIU (under 1 year old, nonmover) 1 = Principal city of a metropolitan CBSA 2 = Balance of a metropolitan CBSA 3 = Not in a metropolitan CBSA 4 = Abroad 5 = Not identified				Values: 0 = not in universe (under 1 year old, nonmover) 1 = northeast 2 = midwest 3 = south 4 = west 5 = abroad			
Universe: MIGSAME=2,3				Universe: MIGSAME=2,3			

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
MIG_ST	2	1582	(0:96)	MIGSAME	1	1584	(0:3)
FIPS State code of previous residence				Was ... living in this house (apt.) 1 year ago; that is, on March 1, 20..?			
Values: 00 = niu (under 1 year old, nonmover)				Values: 0 = niu			
01 = alabama				1 = yes (nonmover)			
02 = alaska				2 = no, different house in u.s. (mover)			
04 = arizona				3 = no, outside the u.s. (mover)			
05 = arkansas							
06 = california				Universe: A AGE > 0			
08 = colorado							
09 = connecticut							
10 = delaware							
11 = district of columbia				NXTRES	2	1585	(0:20)
12 = florida				What was ... main reason for moving?			
13 = georgia							
15 = hawaii				Values: 0 = niu			
16 = idaho				1 = change in marital status			
17 = illinois				2 = to establish own household			
18 = indiana				3 = other family reason			
19 = iowa				4 = relationship with unmarried partner (boy/girlfriend, fiance, etc.)			
20 = kansas				5 = new job or job transfer			
21 = kentucky				6 = to look for work or lost job			
22 = louisiana				7 = to be closer to work/easier commute			
23 = maine				8 = retired			
24 = maryland				9 = other job-related reason			
25 = massachusetts				10 = wanted to own home, not rent			
26 = michigan				11 = wanted new or better house/apartment			
27 = minnesota				12 = wanted better neighborhood/less crime			
28 = mississippi				13 = cheaper housing			
29 = missouri				14 = foreclosure/eviction			
30 = montana				15 = other housing reason			
31 = nebraska				16 = to attend or leave college			
32 = nevada				17 = change of climate			
33 = new hampshire				18 = health reasons			
34 = new jersey				19 = natural disaster (hurricane, tornado, etc.)			
35 = new mexico				20 = other reason			
36 = new york				Universe: MIGSAME=2,3			
37 = north carolina							
38 = north dakota							
39 = ohio							
40 = oklahoma							
41 = oregon							
42 = pennsylvania							
44 = rhode island							
45 = south carolina							
46 = south dakota							
47 = tennessee							
48 = texas							
49 = utah							
50 = vermont							
51 = virginia							
53 = washington							
54 = west virginia							
55 = wisconsin							
56 = wyoming							
96 = abroad							
Universe: MIGSAME=2,3							

Record Type: Person

Variable	Length	Position	Range	Variable	Length	Position	Range
I_MIG2	2	1588	(0:10)				
MIG_ST imputation flag							
<i>Values:</i> 0 = niu, or not changed. 1 = assigned from householder 2 = assigned from spouse 3 = assigned from parent 1 4 = assigned from parent 2 5 = allocated from matrix mig1 6 = allocated from matrix mig2 7 = allocated from matrix mig3 8 = allocated from matrix mig4 9 = allocated from matrix mig5 10 = allocated from matrix mig6							
<i>Universe:</i> All persons							
I_MIG3	1	1590	(0:5)				
Level of allocation (assignment) for previous residence							
<i>Values:</i> 0 = niu, or not changed. 1 = state and below 2 = county and below 3 = mcd and below (MCD states only) 4 = place only (nonMCD states) 5 = county in new york city assigned							
<i>Universe:</i> All persons							
I_NXTRES	1	1591	(0:5)				
Imputation flag for NXTRES							
<i>Values:</i> 0 = niu, or not changed. 1 = assigned from householder 2 = assigned from spouse 3 = assigned from parent 1 4 = assigned from parent 2 5 = allocated from matrix							
<i>Universe:</i> All persons							

GLOSSARY

Subject Concepts

Age

Age classification is based on the age of the person at his/her last birthday. The adult universe (i.e., population of marriageable age) is comprised of persons 15 years old and over for the Annual Social and Economic (ASEC) Supplement data and for CPS labor force data.

Annuities

(See Income.)

Armed Forces

Armed Forces members enumerated in off-base housing or on base with their families are included on the CPS ASEC file, as long as at least one civilian adult lives in the same household. In addition to demographic and family data, supplemental data on income and work experience for Armed Forces members are included.

Base Weight

The constant weight assigned to the sample (inverse of the sampling fraction) which is adjusted to produce the final weight.

Civilian Labor Force

(See Labor Force.)

Class of Worker

This refers to the broad classification of the person's employer. On the ASEC file, these broad classifications for current jobs are private, government, self-employed, without pay, and never worked. Private and government workers are considered "wage and salary workers;" this classification scheme includes self-employed, incorporated persons in with "private" workers. For the longest job held last year, this class of worker scheme includes private; government by level/Federal, State, and local; self-employed incorporated, self-employed unincorporated or farm; and without pay. The wage and salary category for longest job held includes private, government (all levels), and self-employed incorporated.

Dividends

(See Income)

Duration of Unemployment

Duration of unemployment represents the length of time (through the current survey week) during which persons

classified as unemployed are continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Earners, Number of

The file includes all persons 15 years old and over in the household with \$1 or more in wages and salaries, or \$1 or more of a loss in net income from farm or nonfarm self-employment during the preceding year.

Earnings Weight

Each person record in month-in- sample 4 and 8 contains an earnings weight for current earnings.

Education

(See Level of School Completed.)

Employed

(See Labor Force.)

Energy Assistance Program

The Low-Income Home Energy Assistance Program provides financial assistance to qualified households to help them pay heating costs. The program is funded by the Federal government and administered by the States under broad guidelines. In some States a household may automatically be eligible for this program if the household receives (1) Aid to Families with Dependent Children, (2) Food Stamps, (3) Supplemental Security Income (SSI), and (4) certain Veterans' benefits.

The energy assistance questions were asked for the first time in 1982. In 2011, the question was revised to include assistance for cooling as well as heating expenses, and the reference period was expanded from: (a) receipts since October 1 of the previous year; to (b) receipts for the entire previous calendar year.

Family

A family is a group of two persons or more (one of whom is the householder) residing together and related by birth, marriage, or adoption. All such persons

(including related subfamily members) are considered as members of one family. Beginning with the 1980 CPS, unrelated subfamilies (referred to in the past as secondary families) are no longer included in the count of families, nor are the members of unrelated subfamilies included in the count of family members.

Family Household

A family household is a household maintained by a family (as defined above), and may include among the household members any unrelated persons (unrelated subfamily members and/or unrelated individuals) who may be residing there. The number of family households is equal to the number of families. The count of family household members differs from the count of family members, however, in that the family household members include all persons living in the household, whereas family members include only the householder and his/her relatives (See definition of Family).

Family Weight

The weight on the family record is the March supplement weight of the householder or reference person. This weight on the primary family record should be used to tabulate the number of families.

Farm Self-Employment Net Income

The term is defined as net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operation expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for household living is not included as part of net income. Inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes.

Final Weight

Used in tabulating monthly labor force items. This weight should be used when producing estimates from the basic CPS data. It should not be used to tabulate

ASEC supplement data.

Food Stamps

The Food Stamp Act of 1977 was enacted for the purpose of increasing the food purchasing power of eligible households through the use of coupons to purchase food. The Food and Nutrition Service of the U.S. Department of Agriculture (USDA) administers the Food Stamp Program through State and local welfare offices. The Food Stamp Program is the major national income support program which provides benefits to all low- income and low-resource households regardless of household characteristics (e.g., sex, age, disability, etc.). The questions on participation in the Food Stamp Program in the ASEC supplement were designed to identify households in which one or more of the current members received food stamps during the previous calendar year. Once a food stamp household was identified, a question was asked to determine the number of current household members covered by food stamps during the previous calendar year. Questions were also asked about the number of months food stamps were received during the previous calendar year and the total face value of all food stamps received during that period.

Full-Time Worker

Persons on full-time schedules include persons working 35 hours or more, persons who worked 1-34 hours for noneconomic reasons (e.g., illness) and usually work full-time, and persons "with a job but not at work" who usually work full- time.

Group Health Insurance Coverage

Civilian persons 15 years old and over who worked in the previous calendar year and who participated in group health insurance plans provided by the employer or union were asked whether part or all of the health insurance premiums were paid for by the union or employer and the extent of persons covered.

Additional questions were asked to determine if sample persons were covered by any other type of health insurance plan. These items are intended to measure retirees covered by continuing employer provided coverage and persons who purchased coverage on their own.

Group Quarters

Group quarters are noninstitutional living arrangements for groups not living in conventional housing units or groups living in housing units containing nine or more persons unrelated to the person in charge.

Head versus Householder

Beginning with the March 1980 CPS, the Census Bureau discontinued the use of the terms "head of household" and "head of family." Instead, the terms "householder" and "family householder" are used.

Highest Grade of School Attended

(See Level of School Completed.)

Hispanic Origin

Persons of Hispanic origin in this file are determined on the basis of a question asking if the person is Spanish, Hispanic, or Latino. If the response is "yes," a follow-up question determines a specific ethnic origin, asking to select their (the person's) origin from a "flash card" listing. The flash-card selections are Mexican, Mexican-American, Chicano, Puerto Rican, Cuban, Cuban American, or some other Spanish, Hispanic, or Latino group.

Hours of Work

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who is off on the Veterans Day holiday is reported as working 32 hours even though he is paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

Household

A household consists of all the persons who occupy a house, an apartment, or other group of rooms, or a room, which constitutes a housing unit. A group of rooms or a single room is regarded as a housing unit when it is occupied as separate living quarters; that is, when the occupants do not live with any other person in the structure, and when there is direct access from the outside or through a common hall. The count of households excludes persons living in group quarters, such as military barracks and institutions. Inmates of institutions (mental hospitals, rest homes, correctional institutions, etc.) are not included in the survey.

Household Weight

Household weight is the March Supplement weight of the householder. This weight should be used to tabulate estimates of households.

Householder

The householder refers to the person (or one of the persons) in whose name the housing unit is owned or rented (maintained) or, if there is no such person, any adult member, excluding roomers, boarders, or paid employees. If the house is owned or rented jointly by a married couple, the householder may be either the husband or the wife. The person designated as the householder on the file is the "reference person" on the CPS-260 control card to whom the relationship of all other household members, if any, is recorded.

Householder with No Other Relatives in Household

A householder who has no relatives living in the household. This is the entry for a person living alone. Another example is the designated householder of an apartment shared by two or more unrelated individuals.

Householder with Other Relatives (Including Spouse) in Household

The person designated as householder if he/she has one or more relatives (including spouse) living in the household.

Income

For each person in the sample who is 15 years old and over, questions are asked on the amount of money income received in the preceding calendar year from each of the following sources: (1) money wages or salary; (2) net income from nonfarm self-employment; (3) net income from farm self-employment; (4) Social Security or railroad retirement; (5) Supplemental Security Income; (6) public assistance or welfare payments; (7) interest (on savings or bonds); (8) dividends, income from estates or trusts, or net rental income; (9) veterans' payment or unemployment and workmen's compensation; (10) private pensions or government employee pensions; (11) alimony or child support, regular contributions from persons not living in the household, and other periodic income.

Although income statistics refer to receipts during the preceding year, the characteristics of the person such as age, labor force status, etc., and the composition of households refer to the time of the survey. The income of the household does not include amounts received by persons who are members of the household during all or part of the income year if these persons no longer reside with the household at the time of enumeration. On the other hand, household income includes amounts reported by persons who did not reside with the household during the income year but who were members of the household at the time of enumeration.

Data on consumer income collected in the CPS by the Census Bureau cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Also, money income does not reflect the fact that some households receive part of their income in the form of non-money transfers such as food stamps, health benefits, subsidized housing, and energy assistance; that many farm households receive non-money income in the form of rent free housing and goods produced and consumed on the farm; or that non-money income is received by some nonfarm residents that often takes the form of the use of business transportation and facilities, or full or partial contributions for retirement programs, medical and educational expenses, etc. These elements should be considered when comparing income levels. Moreover, readers should be aware that for many different reasons there is a tendency in household surveys for respondents to under report their income. From an analysis of independently derived income estimates, it has been determined that wages and salaries tend to be much better reported than such income types as public assistance, Social Security, and net income from interest, dividends, rents, etc.

Income Sources - Wages and Salary

Money wages or salary is defined as total money earnings received for work performed as an employee during the income year. It includes wages, salary, Armed Forces pay, commissions, tips, piece-rate payments, and cash bonuses earned, before deductions are made for taxes, bonds, pensions, union dues, etc. Earnings for self-employed incorporated businesses are considered wage and salary.

Income Sources - Nonfarm Self-Employment

Net income from nonfarm self-employment is net money income (gross receipts minus expenses) from one's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered. Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income since replies based on income tax returns or other official records do reflect inventory changes. However, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

Income Sources - Farm Self-Employment

Net income from farm self-employment is net money income (gross receipts minus operating expenses) from the operation of a farm by a person on his own account, as an owner, as a renter, or as a sharecropper. Gross receipts include the value of all products sold, government crop loans, money received from the rental of farm equipment to others, and incidental receipts from the sale of wood, sand, gravel, etc.

Operating expenses include cost of feed, fertilizer, seed, and other farming supplies, cash wages paid to farm hands, depreciation charges, cash rent, interest on farm mortgages, farm building repairs, farm taxes (not State and Federal income taxes), etc. The value of fuel, food, or other farm products used for family living is not included as part of net income. In general, inventory changes are considered in determining net income only when they are accounted for in replies based on income tax returns or other official records which reflect inventory changes; otherwise, inventory changes are not taken into account.

Income Sources - Social Security

Social Security includes Social Security pensions and survivors' benefits, and permanent disability insurance payments made by the Social Security Administration prior to deductions for medical insurance and railroad retirement insurance checks from the U.S. Government. "Medicare" reimbursements are not included.

Income Sources - Supplemental Security Income

Supplemental Security Income includes payments made by Federal, State, and local welfare agencies to low income persons who are (1) aged (65 years old and over), (2) blind, or (3) disabled.

Income Sources - Public Assistance

Public assistance or welfare payments include public assistance payments such as Aid to Families with Dependent Children and general assistance.

Income Sources - Interest and Dividends

Interest, dividends, income from estates or trusts, net rental income or royalties include dividends from stockholdings or membership in associations, interest on savings or bonds, periodic receipts from estates or trust funds, net income from rental of a house, store, or other property to others, receipts from boarders or lodgers, and net royalties.

Income Sources - Unemployment Compensation

Worker's Compensation, and Veterans' Payments.

Unemployment compensation, veterans' payments, or worker's compensation includes: (1) unemployment compensation received from government unemployment insurance agencies or private companies during periods of unemployment and any strike benefits received from union funds; (2) money paid periodically by the Veterans Administration to disabled members of the Armed Forces or to survivors of deceased veterans, subsistence allowances paid to veterans for education and on-the-job training, as well as so-called "refunds" paid to ex-servicemen as GI insurance premiums; and (3) worker's compensation received periodically from public or private insurance companies for injuries incurred at work. The cost of this insurance must have been paid by the employer and not by the person.

Income Sources - Private and Government Pensions and Annuities

Many employers and unions have established pension program their employees so that upon retirement the employee will receive regular income to replace his/her earnings. Many of these programs also provide income to the employees if he/she becomes severely disabled, or to his/her survivors if the employee dies. Other types of retirement income include annuities and paid up life insurance policies. Some people purchase annuities which yield a set amount over a certain number of years. Other people may convert their paid up life insurance policy into an annuity after they retire.

Income Sources - Alimony and Child Support

Alimony is money received periodically from a former spouse following a divorce or separation.

Child support is money received from a parent for the support of their children following a divorce or legal

separation. Money received from relatives, other than the parent, or friends is not considered as child support.

Receipts Not Counted As Income

Receipts from the following sources are not included as income: (1) money received from the sale of property, such as stocks, bonds, a house, or a car (unless the person is engaged in the business of selling such property, in which case the net proceeds is counted as income from self-employment); (2) withdrawals of bank deposits; (3) money borrowed; (4) tax refunds; (5) gifts; and (6) lump-sum inheritances of insurance payments.

Industry, Occupation, and Class of Worker (I&O) - Current Job (Basic CPS data)

For the employed, current job is the job held in the reference week (the week before the survey). Persons with two or more jobs are classified in the job at which they worked the most hours during the reference week. The unemployed are classified according to their latest full-time job lasting two or more weeks or by the job (either full-time or part-time) from which they were on layoff. The I&O questions are also asked of persons not in the labor force who are in the fourth and eighth months in sample and who have worked in the last five years. The occupation/industry classification system for the 2000 Census was used to code CPS data beginning with the January 2003 file. See Table 1 below; the occupation classifications underwent revisions in 2011, to make them consistent with Census 2010.

I&O - Longest Job (supplement data)

Longest job applies to the job held longest during the preceding year for persons who worked that year, without regard to their current employment status.

Table 1 – I&O Details for Current Job (Basic CPS) and Longest Job (ASEC Supplement)

Subject		Current Job (Basic CPS data)	Longest Job Last Year (ASEC data)
		Variable Name	
Industry	4-digit code	PEIOIND	INDUSTRY
	2-digit recode (detailed groups)	A_DTIND	WEIND
	2-digit recode (major groups)	A_MJIND	WEMIND
Occupation	4-digit code	PEIOOCC	OCCUP
	2-digit recode (detailed groups)	A DTOCC	POCCU2
	2-digit recode (major groups)	A_MJOCC	WEMOCCG
Class of Worker	Class of Worker	A_CLSWKR	LJCW

Job Seekers

All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week.

Keeping House

Persons are classified as keeping house if they engage in own housework. This is one of the "not in labor force" classifications employment status recode (ESR) = 4.

LFSR (Labor Force Status Recode)

This classification is available for each civilian 15 years old and over according to his/her responses to the monthly (basic) labor force items.

Labor Force

Persons are classified as in the labor force if they are employed, unemployed, or in the Armed Forces during the survey week. The "civilian labor force" includes all civilians classified as employed or unemployed. The file includes labor force data for civilians age 15 and over. However, the official definition of the civilian labor force is age 16 and over.

1. Labor Force – Employed

Employed persons comprise (1) all civilians who, during the survey week did any work at all as paid employees or in their own business or profession, or on their own farm, or who work 15 hours or more as unpaid workers on a farm or a business operated by a member of the family; and (2) all those who have jobs but who are not working because of illness, bad weather, vacation, or labor-management dispute, or because they are taking time off for personal reasons, whether or not they are seeking other jobs. These persons would have a Labor Force Status Recode (LFSR) of 1 or 2 respectively in character 145 of the person record which designates "at work" and "with a job, but not at work." Each employed person is counted only once. Those persons who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week. If they worked an equal number of hours at more than one job, they are counted at the job they held the longest.

2. Labor Force – Unemployed

Unemployed persons are those civilians who, during the survey week, have no employment but are available for work, and (1) have engaged in any specific job seeking

activity within the past 4 weeks such as registering at a public or private employment office, meeting with prospective employers, checking with friends or relatives, placing or answering advertisements, writing letters of application, or being on a union or professional register; (2) are waiting to be called back to a job from which they had been laid off; or (3) are waiting to report to a new wage or salary job within 30 days. These persons would have an LFSR code of 3 or 4 in the person record. The unemployed includes job leavers, job losers, new job entrants, and job reentrants.

2a. Unemployed - Job Leavers

Persons who quit or otherwise terminate their employment voluntarily and immediately begin looking for work.

2b. Unemployed - Job Losers

Persons whose employment ends involuntarily, who immediately begin looking for work, and those persons who are already /on layoff.

2c. Unemployed - New Job Entrants

Persons who never worked at a full-time job lasting two weeks or longer.

2d. Unemployed - Job Reentrants

Persons who previously worked at a full-time job lasting two weeks or longer but are out of the labor force prior to beginning to look for work.

3. Labor Force - Not in Labor Force

Included in this group are all persons in the civilian noninstitutional population who are neither employed nor unemployed. Information is collected on their desire for and availability to take a job at the time of the CPS interview, job search activity in the prior year, and reason for not looking in the 4-week period prior to the survey week. This group includes discouraged workers, defined as persons not in the labor force who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but who are not currently looking because they believe there are no jobs available or there are none for which they would qualify. Such persons have an LFSR code of 7 in the person record.

Finally, it should be noted that the unemployment rate represents the number of persons unemployed as a percent of the civilian labor force 16 years old and over. This measure can also be computed for groups within the labor force classified by sex, age, marital status, race, etc. The job loser, job leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force 16 years old and over; the sum of the rates for the four groups thus equals the total unemployment rate.

Layoff

A person who is unemployed but expects to be called back to a specific job. If he/she expects to be called back within 30 days, it is considered a temporary layoff; otherwise, it is an indefinite layoff.

Level of School Completed/Degree Received

These data changed on the March 1992 file. A new question, "What is the highest level of school ... has completed or the highest degree ... has received? Replace the old "highest grade attended" and "year completed" questions. The new question provides more accurate data on the degree status of college students. Educational attainment applies only to progress in "regular" school. Such schools include graded public, private, and parochial elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate or high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools is counted only if the credits obtained are regarded as transferable to a school in the regular school system.

Looking for Work

A person who is trying to get work or trying to establish a business or profession.

March Supplement Weight

The March supplement weight is on all person records and is used to produce "supplement" estimates; that is, income, work experience, migration, and family characteristic estimates.

Marital Status

The marital status classification identifies four major categories: single (never married), married, widowed, and divorced. These terms refer to the marital status at the time of enumeration.

The category "married" is further divided into "married, civilian spouse present," "married, Armed Forces spouse present," "married, spouse absent," "married, Armed Forces spouse absent," and "separated." A person is classified as "married, spouse present" if the husband or wife is reported as a member of the household even though he or she may be temporarily absent on business or on vacation, visiting, in a hospital, etc., at the time of the enumeration. Persons reported as "separated" included those with legal separations, those living apart with intentions of obtaining a divorce, and other persons permanently or temporarily estranged from their spouses because of marital discord.

For the purpose of this file, the group "other marital status" includes "widowed and divorced," "separated," and "other married, spouse absent."

Medicare

The Medicare Program is designed to provide medical care for the aged and disabled. The Basic Hospital Insurance Plan (Part A) is designed to provide basic protection against hospital costs and related post-hospital services. This plan also covers many persons under 65 years old who receive Social Security or railroad retirement benefits based on long-term disability. Part A is financed jointly by employers and employees through Social Security payroll deductions. Qualified persons 65 years old and over who are not otherwise eligible for Part A benefits may pay premiums directly to obtain this coverage. The Medical Insurance Plan (Part B) is a voluntary plan which builds upon the hospital insurance protection provided by the basic plan. It provides insurance protection covering physicians' and surgeons' services and a variety of medical and other health services received either in hospitals or on an ambulatory basis. It is financed through monthly premium payments by each enrollee, and subsidized by Federal general revenue funds.

The Medicare question on the ASEC supplement attempted to identify all persons 15 years old and over who were "covered" by Medicare at any time during the previous calendar year. The term "covered" means enrolled in the Medicare Program. In order to be counted, the person did not necessarily have to receive medical care paid for by Medicare.

Medicaid

The Medicaid Program is designed to provide medical assistance to needy families with dependent children, and to aged, blind, or permanently and totally disabled

individuals whose incomes and resources are insufficient to meet the costs of necessary medical services. The program is administered by State agencies through grants from the Centers for Medicare & Medicaid Services (CMS) of the Department of Health and Human Services. Funding for medical assistance payments consists of a combination of Federal, State, and in some cases, local funds.

Medicaid is a categorical program with complex eligibility rules which vary from State to State. There are two basic groups of eligible individuals: the categorically eligible and the medically needy. The major categorically eligible groups are all Temporary Assistance for Needy Families (TANF) recipients and most Supplemental Security Income (SSI) recipients. Other categorically eligible groups are (1) those who meet basic State cash assistance eligibility rules/aged, blind, disabled, needy single parents with children, and, in some States, needy unemployed parents with children, but who are not currently receiving money payments; and (2) needy persons who meet categorical eligibility standards but are institutionalized for medical reasons (e.g., low-income elderly persons in nursing homes). However, such institutionalized persons are not included in the CPS universe and, therefore, are not reflected in these statistics.

In roughly one-half of the States, coverage is extended to the medically needy/persons meeting categorical age, sex, or disability criteria, whose money incomes and assets exceed eligibility levels for cash assistance but are not sufficient to meet the cost of medical care. In such States, qualifying income and asset levels are usually above those set for cash assistance. Families with large medical expenses relative to their incomes and assets may also meet medically needy eligibility standards in these States.

The Medicaid question on the ASEC supplement attempted to identify all persons who were "covered" by Medicaid at any time during the previous calendar year. The term "covered" means enrolled in the Medicaid program, i.e., had a Medicaid medical assistance card, or incurred medical bills which were paid for by Medicaid. In order to be counted, the person did not have to receive medical care paid for by Medicaid.

After data collection and creation of an initial microdata file, further refinements were made to assign Medicaid coverage to children. In this procedure all children under 21 years old in families were assumed to be covered by

Medicaid if either the householder or spouse reported being covered by Medicaid (this procedure was required mainly because the Medicaid coverage question was asked only for persons 15 years old and over). All adult TANF recipients and their children, and SSI recipients living in States which legally require Medicaid coverage of all SSI recipients, were also assigned coverage.

Mobility Status

The population of the United States, 1 year old and over, is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the ASEC supplement and the place of residence in March of the previous year. For ASEC years ending in 0 and 5, this information is also collected for 5-year mobility for person 5 years old and over.

Migration status (one-year) is derived from answers to questions about residence one year before the survey date and the geographic location of the respondent's current residence. One-year migration data are collected annually. Similarly, five-year migration status is based on residence five years ago compared to current residence. The first of three inquiries is: "Were/Was ___ living in this house one year ago?" If the answer was "No," the enumerator asked, "Where did ___ live one year ago?" In classification, three main categories distinguish nonmovers, movers within the United States, and movers from abroad.

Nonmovers are all persons who are living in the same house at the end of the period as at the beginning of the period. Movers within the United States are all persons who are living in a different house in the United States at the end of the period than at the beginning of the period. Movers from abroad include all persons whose place of residence is outside the United States at the beginning of the period, that is, in an outlying area under the jurisdiction of the United States or in a foreign country.

Month-In-Sample

The term is defined as the number of times a unit is interviewed. Each unit is interviewed eight times during the life of the sample.

Never Worked

A person who has never held a full-time civilian job lasting two consecutive weeks or more.

Nonfamily Householder

A nonfamily householder (formerly called a primary individual) is a person maintaining a household while living alone or with nonrelatives only.

Nonfarm Self-employment Net Income

The term is defined as net money income (gross receipts minus expenses) from an individual's own business, professional enterprise, or partnership. Gross receipts include the value of all goods sold and services rendered.

Expenses include costs of goods purchased, rent, heat, light, power, depreciation charges, wages and salaries paid, business taxes (not personal income taxes), etc. In general, inventory changes are considered in determining net income; replies based on income tax returns or other official records do reflect inventory changes; however, when values of inventory changes are not reported, net income figures exclusive of inventory changes are accepted. The value of saleable merchandise consumed by the proprietors of retail stores is not included as part of net income.

Nonworker

A person who did not do any work in the calendar year preceding the survey.

Nonrelative of Householder with No Own Relatives in Household

A nonrelative of the householder who has no relative(s) of his own in the household. This category includes such nonrelatives as a ward, a lodger, a servant, or a hired hand, who has no relatives of his own living with him in the household.

Nonrelative of Householder with Own Relatives (Including Spouse) in Household

Any household member who is not related to the householder but has relatives of his own in the household; for example, a lodger, his spouse, and their son.

Other Relative of Householder

Any relative of the householder other than his spouse, child (including natural, adopted, or step child), sibling, or parent; for example, grandson, daughter-in-law, etc.

Own Child

A child related by birth, marriage, or adoption to the family householder.

Part-Time, Economic Reasons

The item includes slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. (See also Full-Time Worker.)

Part-Time Other Reasons

The item includes labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work, and full-time worker only during peak season.

Part-Time Work

Persons who work between 1 and 34 hours are designated as working "part-time" in the current job held during the reference week. For the March supplement, a person is classified as having worked part-time during the preceding calendar year if he worked less than 35 hours per week in a majority of the weeks in which he worked during the year. Conversely, he is classified as having worked full-time if he worked 35 hours or more per week during a majority of the weeks in which he worked.

Part-Year Work

Part-year work is classified as less than 50 weeks' work.

Pension Plan

The pension plan question on the ASEC supplement attempted to identify if pension plan coverage was available through an employer or union and if the employee was included. This information was collected for civilian persons 15 years old and over who worked during the previous calendar year.

Population Coverage

Population coverage includes the civilian population of the United States plus approximately one million members of the Armed Forces in the United States living off post or with their families on post in households with least one civilian adult but excludes all other members of the Armed Forces. This file excludes inmates of institutions. The labor force and work experience data are not collected for Armed Forces members.

Poverty

In this file, families and unrelated individuals are classified as being above or below the poverty level using a poverty index adopted by a Federal Interagency Committee in 1969 and slightly modified in 1981.

The modified index provides a range of income cutoffs or "poverty thresholds" adjusted to take into account family size, number of children, and age of the family householder or unrelated individual; prior to 1981, adjustments were also made on the basis of farm-nonfarm residence and sex of the householder.

The impact of these revisions on the poverty estimates is minimal at the national level. The poverty cutoffs are updated every year to reflect changes in the Consumer Price Index. The average poverty threshold for a family of four was \$12,091 in 1985. A detailed explanation of the poverty definition is available at

<https://www.census.gov/topics/income-poverty/poverty/guidance/poverty-measures.html>.

Public Assistance

(See Income.)

Public or Other Subsidized Housing

Participation in public housing is determined by two factors: program eligibility and the availability of housing. Income standards for initial and continuing occupancy vary by local housing authority, although the limits are constrained by Federal guidelines. Rental charges, which, in turn, define net benefits, are set by a Federal statute not to exceed 30 percent of net monthly money income. A recipient unit can either be a family of two or more related persons or an individual who is handicapped, elderly, or displaced by urban renewal or natural disaster.

There are some programs through which housing assistance is provided to low-income families and individuals living in public or privately owned dwellings. Two of the more common types of programs in which Federal, State, and local funds are used to subsidize private sector housing are rent supplement and interest reduction plans. Under a rent supplement plan the difference between the "fair market" rent and the rent charged to the tenant is paid to the owner by a government agency. Under an interest reduction program, the amount of interest paid on the mortgage by the owner is reduced so that subsequent savings can be passed along to low income tenants in the form of lower rent charges.

There were two questions dealing with public and low cost housing on the ASEC supplement questionnaire. The first question identifies residence in a housing unit owned by a public agency. The second question identifies beneficiaries who were not living in public housing projects, but who were paying lower rent due to a government subsidy. These questions differ from other questions covering noncash benefits in that they establish current reciprocity status in March of the current year rather than reciprocity status during the previous year.

Race

Beginning in January 2003, revisions to race categories took effect. Respondents were allowed to report more than one race, making selections from a "flash-card". The six race groups are: White, Black or African American, American Indian or Alaskan Native, Asian,

Native Hawaiian or Other Pacific Islander, and Other race. The last category includes any other race except the five mentioned. Because of these changes, data on race are not directly comparable to previous files. Use caution when interpreting changes in the racial composition of the U.S. over time.

Reentrants

Persons who previously worked at a full-time job lasting two weeks or longer but who are out of the labor force prior to beginning to look for work.

Related Children

Related children in a family include own children and all other children in the household who are related to the householder by birth, marriage, or adoption. For each type of family unit identified in the CPS, the count of own children under 18 years old is limited to single (never married) children; however, "own children under 25" and "own children of any age," include all children regardless of marital status. The totals include never-married children living away from home in college dormitories.

Related Subfamily

A related subfamily is a married couple with or without children, or one parent with one or more own single (never married) children under 18 years old, living in a household and related to, but not including, the householder or spouse. The most common example of a related subfamily is a young married couple sharing the home of the husband's or wife's parents. The number of related subfamilies is not included in the number of families.

School, Major Activity

A person who spent most of his time during the survey week attending any kind of public or private school, including trade or vocational schools in which students receive no compensation in money or kind.

School Lunches

The National School Lunch Program is designed to assist States in providing a school lunch for all children at moderate cost. The National School Lunch Act of 1946 was further amended in 1970 to provide free and reduced-price school lunches for children of needy families. The program is administered by the Food and Nutrition Service of the U.S. Department of Agriculture (USDA) through State educational agencies or through regional USDA nutrition services for nonprofit private

schools. The program is funded by a combination of Federal funds and matching State funds.

All students eating lunches prepared at participating schools pay less than the total cost of the lunches. Some students pay the "full established" price for lunch (which itself is subsidized) while others pay a "reduced" price for lunch, and still others receive a "free" lunch. If the child's family income is at or below 130 percent of the federal poverty level, they are eligible for free lunches. Those who fall between 130 and 185 percent of the federal poverty level are eligible for reduced price lunches. The data in this file, however, do not distinguish between reciprocity of free and reduced-price school lunches.

The questions on the ASEC supplement provide a very limited amount of data for the school lunch program. Questions concerning the school lunch program were designed to identify the number of members 5 to 18 years old in households who "usually" ate a hot lunch. This defined the universe of household members usually receiving this noncash benefit. This was followed by a question to identify the number of members receiving free or reduced price lunches.

Self-Employed

Self-employed persons are those who work for profit or fees in their own business, profession or trade, or operate a farm.

Secondary Individuals

A roomer, boarder, or resident employee with no relatives in the household, or a group quarters member who has no relatives living with him/her.

Stretches of Unemployment

A continuous stretch is one that is not interrupted by the person getting a job or leaving the labor market to go to school, to keep house, etc. A period of two weeks or more during which a person is employed or ceased looking for work is considered to break the continuity of the period of seeking work.

Topcode

For confidentiality purposes, usual hourly earnings from the current job and earnings from the longest job are topcoded (i.e., cut off at a particular amount).

Earnings from the longest job are collected during enumeration up to any amount; however, the amount is topcoded on the public use file. (See page 5-1 for more

information.) From the supplement, total person's income is the sum of the amounts from the individual income types; total family income is the sum of the total person's income for each family member; total household income is the sum of the total income for each person in the household.

Total Money Income

The term is defined as the arithmetic sum of money wages and salaries, net income from self-employment, and income other than earnings. The total income of a household is the arithmetic sum of the amounts received by all income recipients in the household.

Unable to Work

A person is classified as unable to work because of long-term physical or mental illness, lasting six months or longer.

Unemployed

(See Labor Force.)

Unemployment Compensation

(See Income.)

Unpaid Family Workers

Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

Unrelated Individuals

Unrelated individuals are persons of any age (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be (1) a nonfamily householder living alone or with nonrelatives only, (2) a roomer, boarder, or resident employee with no relatives in the household, or (3) a group quarters member who has no relatives living with him/her. Thus, a widow who occupies her house alone or with one or more other persons not related to her, a roomer not related to anyone else in the housing unit, a maid living as a member of her employer's household but with no relatives in the household, and a resident staff member in a hospital living apart from any relatives are all examples of unrelated individuals.

Unrelated Subfamily

An unrelated subfamily is a family that does not include among its members the householder and relatives of the householder. Members of unrelated subfamilies may include persons such as guests, roomers, boarders, or

resident employees and their relatives living in a household. The number of unrelated subfamily members is included in the number of household members but is not included in the count of family members.

Persons living with relatives in group quarters were formerly considered as members of families. However, the number of such unrelated subfamilies is so small that persons in these unrelated subfamilies are included in the count of secondary individuals.

Veteran Status

If a person served at any time during the four most recent wartime periods, the codes for all periods of service are entered. A person can report up to 4 periods of service. The following codes are used:

- 0 Children under 15
- 1 September 2001 or later
- 2 August 1990 to August 2001
- 3 May 1975 to July 1990
- 4 Vietnam era (Aug 1964 to Apr 1975)
- 5 February 1955 to July 1964
- 6 Korean War (July 1950 to January 1955)
- 7 January 1947 to June 1950
- 8 World War II (Dec. 1941 to Dec. 1946)
- 9 November 1941 or earlier

Wage and Salary Workers

Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Also included are persons who are self-employed in an incorporated business. (See income.)

Weeks Worked in the Previous Year

Persons are classified according to the number of different weeks, during the preceding calendar year, in which they did any civilian work for pay or profit (including paid vacations and sick leave) or worked without pay on a family-operated farm or business.

Workers

(See Labor Force--Employed.)

Work Experience

Includes those persons who during the preceding calendar year did any work for pay or profit or worked without pay on a family-operated farm or business at any time during the year, on a part-time or full-time basis.

Year-Round Full-Time Worker

A year-round full-time worker is one who usually worked 35 hours or more per week for 50 weeks or more during the preceding calendar year.

Geographic Concepts

Geographic Division

An area composed of contiguous States, with Alaska and Hawaii also included in one of the divisions. (A State is one of the 51 major political units in the United States.) The nine geographic divisions have been largely unchanged for the presentation of summary statistics since the 1910 census.

Regions

There are four regions: Northeast, Midwest (formerly North Central)¹, West, and South. States and divisions within regions are presented in the tables below.

NORTHEAST REGION	
<i>New England Division</i>	<i>Middle Atlantic Division</i>
Connecticut	New Jersey
Maine	New York
Massachusetts	Pennsylvania
New Hampshire	
Rhode Island	
Vermont	

MIDWEST REGION	
<i>East North Central Division</i>	<i>West North Central Division</i>
Illinois	Iowa
Indiana	Kansas
Michigan	Minnesota
Ohio	Missouri
Wisconsin	Nebraska
	North Dakota
	South Dakota

MIDWEST REGION	
<i>Mountain Division</i>	<i>Pacific Division</i>
Arizona	Alaska
Colorado	California
Idaho	Hawaii
Montana	Oregon
Nevada	Washington
Utah	
Wyoming	
New Mexico	

¹ The Midwest Region was designated as the North Central Region until June 1964

SOUTH REGION		
<i>East South Central Division</i>	<i>West South Central Division</i>	<i>South Atlantic Division</i>
Alabama	Arkansas	Delaware
Kentucky	Louisiana	District of Columbia
Mississippi	Oklahoma	Florida
Tennessee	Texas	Georgia
		Maryland
		North Carolina
		South Carolina
		Virginia
		West Virginia

Improved Data Disclosure Avoidance Techniques Applied to the ASEC Microdata Files

IMPLEMENTATION OF ADDITIONAL DATA DISCLOSURE AVOIDANCE TECHNIQUES

Additional data disclosure techniques, which began with the 2023 data collection, are applied to the Annual Social and Economic Supplement (ASEC) microdata files. Changes to the Current Population Survey (CPS) public use files (PUF) disclosure avoidance techniques were implemented to provide added confidentiality protection to these data. For an overview and background on these changes, please see <https://www.census.gov/programs-surveys/cps/technical-documentation/user-notes/2023-cps-puf-changes.html>.

This documentation provides additional detail about these changes and addresses considerations that data users may have when using the data.

The additional data disclosure techniques were phased in on a monthly basis starting in May 2023. This phase-in was completed in April 2024, at which time all cases on the CPS microdata files reflected the revisions listed below. This means that for the 2024 ASEC file, the majority (approximately 75%) of the sample reflects the revisions. The sample not reflecting the revisions includes cases that were Month-in-Sample (MIS) 8 of the February collection, MIS 8 of the March collection, plus a small portion of additional ASEC cases. The phase-in procedure allows users to continue to conduct longitudinal analyses without having a break in series.

Household Identification Numbers

As of January 2023, all MIS 1 cases are assigned Household Identification Numbers (H_IDNUM on the ASEC file; HRHHID1 on basic monthly CPS files) using an algorithm different than the one used in data collected previously. As with data files collected prior to January 2023, these numbers will remain constant over the time that a household remains in sample such that users will be able to use the same matching identification for the life of the case. H_IDNUM uniquely identifies a household on the ASEC data file. HRHHID1 along with HRHHID2 uniquely identify a household on the basic monthly files. This is for your information and the data user will not have to do anything different than in previous data use.

Section A: Geographic Synthesis

All Geography with population between 100,000 and 250,000 go through a geographic synthesis for privacy protection. Items for consideration include the following:

1. The 2010 Census population measures were used for identifying areas with a population between 100,000 and 249,999.

2. There is no revision to the current practice of geographic suppression of the data for populations under 100,000.
3. This synthesis applies to all CBSAs, identified principal cities, counties, and the component parts of the CBSA (principal city and balance portions). Additionally, CBSAs that cross state boundaries are subject to synthesis separately for each state in which they occur. The following are eligible for synthesis:
 - GTCBSA
 - GTCBSAST
 - GTCBSASZ
 - GTCO
 - GTINDVPC
 - GTMETSTA
 - GTCSA
4. No other data are synthesized by the swap.

Determining which cases are eligible for synthesis

The following are key things to consider when looking at data that may be eligible for geographic synthesis:

- While a specific geography may meet the population threshold for synthesis, not all cases in that geography are synthesized. Some are not synthesized and others are synthesized back into their original geography.
- Both nonmetropolitan and metropolitan areas are subject to synthesis.
- If a case is synthesized, all substate geographic codes are updated to reflect the new geography.
- All the substate codes for areas synthesized are revised as a group such that there are no records with missing or inconsistent codes.

For example, the Salisbury CBSA is contained within the states of Maryland and Delaware, with each state-specific portion of the CBSA having a population of 100,000 to 249,999. Thus, each state portion is subject to the synthesis. Conversely, the Wisconsin portion of the Minneapolis CBSA is subject to synthesis, but not the Minnesota portion since its population is over 250,000. Additionally, there are some CBSAs only partially in sample. For these areas, the population for the portion of the area in sample is used to determine whether it requires synthesis.

What follows below are examples based on user questions and comments that arose as the Census Bureau vetted these changes to the CPS PUF over the course of the last year. We hope that these examples help to understand the scope of these changes more clearly.

- Let's take Delaware as an example. There are 3 counties in the state, all of which are classified as metropolitan on the files. The county containing Wilmington (New Castle County, part of the Philadelphia CBSA in Delaware) has a population greater than 249,999 and is not subject to synthesis. The other 2 counties (Kent County, in the Dover CBSA; and Sussex County, part of the Salisbury CBSA in Delaware), each have a population between 100,000 and 249,999 and are both subject to synthesis. For these areas, the CBSA code and other geographic codes change from Dover to Salisbury and vice versa for some cases while others keep the original CBSA codes.
- We only had one state, Vermont, where there was a single area requiring synthesis. In this case, we synthesized some of the nonmetropolitan areas along with synthesizing the Burlington CBSA.
- Another set of examples can be found in Arkansas. Here we do not synthesize any cases in either the Little Rock or Fayetteville CBSAs. They retain their original codes. All the other areas in the state are subject to synthesis and either retain their original codes or the codes that were assigned by the synthesis process.

Analysis

Analysts at the Census Bureau reviewed 3 non-consecutive months of basic monthly public use data files to examine potential issues with the synthesized geographies. (As always, the Census Bureau urges caution when analyzing small sample sizes or subpopulations. For example, Census Bureau guidance recommends pooling three years of CPS ASEC to produce state-level estimates.)

Analysts examined demographics (age, marital status, sex, race, ethnicity, cohabitation status, household type) and key migration variables for differences in distributions between public use basic monthly files with and without geographic synthesis techniques applied. Additionally, analysts examined how geographic synthesis may affect the relationship between full-time employment status at the household level and household-level regressors, such as family income, race and ethnicity, education, average age, household tenure, employment status, disability, citizenship, marital status, having children, and veteran status. Analysts found no meaningful differences in distributions across the two sets of files, nor was there considerable evidence that the geographic synthesis changed the relationship between employment status and the examined variables.

One area of potential concern raised by external data users was the impact on the Supplemental Poverty Measure (SPM), which has geographically-adjusted thresholds. Census Bureau publications will continue to utilize the internal CPS ASEC files and therefore will be unaffected by changes in the CPS PUF. Nonetheless, estimates derived from the public use files were examined to see potential impacts on external data users. For the available subset of the 2022 CPS ASEC, SPM thresholds were re-calculated using synthesized geographies and used to re-estimate SPM rates overall and for detailed demographic subgroups (age, race and Hispanic

origin, and CBSA status). The overall SPM rate was not statistically different when using geographically synthesized thresholds. However, significant differences were found with some demographic subgroups and regions, indicating the need for additional research once the geographic synthesis has been fully implemented. Differences in the distribution of people by income-to-poverty thresholds did not significantly change when estimating supplemental poverty using the new synthesized geographies. This remained true when looking at subsamples by CBSA status.

As part of commitment to data users, the Census Bureau will review the impacts on the current production data and release occasional reports on any possible impacts on data quality. The bureau is constantly reviewing new methods for privacy protections and will refine the model should a better method be found that may lessen any impacts.

Section B – Changes to Earnings

Rounding and Topcoding of the Usual Weekly Earnings Data

Provided below are the rounding algorithms that were introduced for the implementation of rounding for the CPS ASEC files. Table 1 is the rounding rules for the following hourly earning variables: A_HRLYWK and A_HRSPAY. Table 2 is the rounding for the weekly earnings variable, A_GRSWK (two implied decimals).

Table 1: Hourly Earning Rounding

Usual Hourly Earning as Reported with implied decimals	Rounded value on Public Use File with implied decimals
1-7	Set to 5 (\$.05)
8-2999	Round to nearest 5 (\$.05)
3000-4999	Round to nearest 25 (\$.25)
5000+	Round to nearest 50 (\$.50)

Table 2: Weekly Earning Rounding

Usual Weekly Earning with implied decimals	Rounded value on Public Use File with implied decimals
0	\$0
001 – 700	400 (\$4)
701 – 119900	Nearest 200 (\$2)
119901 – 199900	Nearest 1000 (\$10)
200000+	Nearest 2000 (\$20)

Hourly Rounding Examples

For example, a value of \$4.31/hour rounds down to a value of \$4.30. A value of \$4.78/hour rounds up to a value of \$4.80.

A value of \$8.22/hour rounds down to \$8.20, while a value of \$8.28/hour rounds up to \$8.30.

A value of \$32.07/hour rounds down to \$32.00 while a value of \$32.64/hour rounds up to \$32.75.

Weekly Rounding Examples

For example, a value of \$217/week rounds up \$218, while a value of \$228.34/week rounds down to \$228.00.

A value of \$3,622.50/week rounds down to \$3,620.00, while a value \$3,653.00/week rounds up to \$3,660.00.

In April 2024, The Census Bureau completed the phase-in process to introduce a dynamic topcode. This topcode is implemented monthly, with topcoding applied to the top 3 percent of hourly earnings reported. This method results in fewer cases being topcoded compared to the previous method which applied topcoding based on the individual's usual hours worked variable. For individuals whose earnings are topcoded, the earnings variable contains the weighted average of the top 3% and not a cutoff value as has been done in past years. A_HRLYWK and A_HRSPAY are the hourly reporting variables. Below is an example of this process using fictional data.

Hourly Wages	Cumulative Percent	Topcoding (Weighted Average of Top 3%)
2	0.15	2
2.15	0.26	2.15
3.50	0.90	3.50
.	.	.
.	.	.
.	.	.
46.5	96.90	46.5
47	96.93	47
49.5	97.06	64.20
50	97.46	64.20
51	97.55	64.20
.		.

.		.
.		.
65	99.40	64.20
68	99.45	64.20
70	99.60	64.20
75	99.75	64.20
85	99.80	64.20
90	100.00	64.20

Furthermore, values not topcoded as above, will be rounded based on the criteria below.

Usual Hourly Earning as Reported	Rounded value on Public Use File
\$00.01 - \$00.07	\$00.05
\$00.08 - \$29.99	Nearest \$00.05
\$30.00 - \$49.99	Nearest \$00.25
\$50.00 +	Nearest \$00.50 until topcoded

For questions on technical issues involving these revisions, contact the CPS staff at: 301-763-3806 or email at DSD.CPS@census.gov

CONTINUATION OF TOPCODING FOR INCOME AND RELATED VARIABLES

The 2024 ASEC public use data file continues the longstanding technique of swapppping values between sample cases having incomes above a determined topcode value. This technique preserves the distribution of values above the topcode while maintaining adequate disclosure avoidance.

The technique used for swapping values is termed “rank proximity swapping”. Once the topcode has been established, some persons with value above the topcode cutoff are sorted by those values from lowest to highest (values equal to the specified topcode are included in the universe of those requiring topcoding). Next, the values above the topcode are systematically swapped between sample persons. The swapping occurs within a bounded interval. This bounded interval assures that the values swapped are in “proximity” to each other, yet providing a sufficiently large group of persons from which the swap partners are selected. The Rank Proximity Swapping tables below show the topcode cutoff amount for the various sources.

The use of swapping techniques is accompanied by the procedure to round the swapped amounts.

All topcoded amounts included on the public use must be rounded to two significant digits (i.e.

\$987,654=\$990,000; \$12,345=\$12,000; \$9,870=\$9,900; rounded values will never exceed the maximum value on the file, i.e. \$999,999=\$999,999).

Rank Proximity Swapping

Threshold Amounts for Earnings and Income Fields

Income Source	Swap Threshold ¹
ANN_VAL	\$64,800
CAP_VAL	\$100,000
CHSP_VAL	\$30,000
CSP_VAL	\$26,400
DIS_VAL1	\$60,000
DIS_VAL2	\$0
DIV_VAL	\$40,000
DST_VAL1	\$97,200
DST_VAL2	\$97,200
DST_VAL1_YNG	\$78,000
DST_VAL2_YNG	\$78,000
ED_VAL	\$46,170
ERN_VAL	\$415,000
FIN_VAL	\$48,000
FRM_VAL	\$60,000
TRDINT_VAL	\$19,065
RINT_VAL1	\$42,000
RINT_VAL2	\$42,000
OI_VAL	\$78,000
RNT_VAL	\$120,000
SE_VAL	\$146,000
SUR_VAL1	\$100,000
SUR_VAL2	\$0
PEN_VAL1	\$87,000
PEN_VAL2	\$87,000
WS_VAL	\$85,000

Threshold Amounts for SPM Fields

Income Source	Swap Threshold ¹
PHIP_VAL	\$15,500
PEMCPREM	\$5,143
PHIP_VAL2	\$15,600
PMED_VAL	\$12,000
POTC_VAL	\$2,500

¹ Values swapped are equal to, and above, this value.

APPENDIX A

INDUSTRY CLASSIFICATION

Industry Classification Codes for Detailed Industry (4 digit) (Starting January 2020)

These categories are aggregated into 52 detailed groups for Basic CPS, 23 detailed groups for ASEC, and 14 major groups used for both Basic CPS and ASEC (see pages 10-13 of this attachment).

Differences in Basic CPS and ASEC for Industry Recodes			
	Range	Basic CPS	ASEC
Detailed Industry Recode	(-1:52)	A_DTIND	N/A
Detailed Industry Recode	(0:23)	N/A	WEIND
Major Industry Recodes*	(0:14)	A_MJIND	WEMIND
*WEMIND includes a value of 15 for 'Never worked' and A_MJIND uses -1 for Not in Universe instead of 0.			

These codes correspond to items PEIOIND and INDUSTRY. See Appendix G of this document for ascii file locations. The codes in the right hand column are the NAICS equivalent. The Census industry codes and NAICS codes are based on the 2017 North American Industry Classification System.

2017 CENSUS CODE	DESCRIPTION	2017 NAICS CODE
Agriculture, Forestry, Fishing, and Hunting		
0170	Crop production	111
0180	Animal production and aquaculture	112
0190	Forestry except logging	1131, 1132
0270	Logging	1133
0280	Fishing, hunting, and trapping	114
0290	Support activities for agriculture and forestry	115
Mining, Quarrying, and Oil and Gas Extraction		
0370	Oil and gas extraction	211
0380	Coal mining	2121
0390	Metal ore mining	2122
0470	Nonmetallic mineral mining and quarrying	2123
0490	Support activities for mining	213
Utilities		

CENSUS CODE	DESCRIPTION	NAICS CODE
0570	Electric power generation, transmission and distribution	2211
0580	Natural gas distribution	2212
0590	Electric and gas, and other combinations	Pts. 2211, 2212
0670	Water, steam, air-conditioning, and irrigation systems	22131, 22133
0680	Sewage treatment facilities	22132
0690	Not specified utilities	Part of 22
Construction		
0770	Construction (Includes the cleaning of buildings and dwellings is incidental during construction and immediately after construction)	23
Manufacturing		
1070	Animal food, grain and oilseed milling	3111, 3112
1080	Sugar and confectionery products	3113
1090	Fruit and vegetable preserving and specialty food manufacturing	3114
1170	Dairy product manufacturing	3115
1180	Animal slaughtering and processing	3116
1190	Retail bakeries	311811
1270	Bakeries and tortilla manufacturing, except retail bakeries	3118 exc. 311811
1280	Seafood and other miscellaneous foods, n.e.c.	3117, 3119
1290	Not specified food industries	Part of 311
1370	Beverage manufacturing	3121
1390	Tobacco manufacturing	3122
1470	Fiber, yarn, and thread mills	3131
1480	Fabric mills, except knitting	3132 exc. 31324
1490	Textile and fabric finishing and coating mills	3133
1570	Carpet and rug mills	31411
1590	Textile product mills, except carpets and rugs	314 exc. 31411
1670	Knitting fabric mills, and apparel knitting mills	31324, 3151
1691	Cut and sew, and apparel accessories and other apparel manufacturing	3152, 3159
1770	Footwear manufacturing	3162
1790	Leather and hide tanning and finishing, and other leather and allied product manufacturing	3161, 3169
1870	Pulp, paper, and paperboard mills	3221
1880	Paperboard containers and boxes	32221
1890	Miscellaneous paper and pulp products	32222, 32223, 32229
1990	Printing and related support activities	3231
2070	Petroleum refining	32411
2090	Miscellaneous petroleum and coal products	32419
2170	Resin, synthetic rubber and fibers, and filaments manufacturing	3252
2180	Agricultural chemical manufacturing	3253
2190	Pharmaceutical and medicine manufacturing	3254
2270	Paint, coating, and adhesive manufacturing	3255
2280	Soap, cleaning compound, and cosmetics manufacturing	3256
INDUSTRY CLASSIFICATION		A-2

CENSUS CODE	DESCRIPTION	NAICS CODE
2290	Industrial and miscellaneous chemicals	3251, 3259
2370	Plastics product manufacturing	3261
2380	Tire manufacturing	32621
2390	Rubber products, except tires, manufacturing	32622, 32629
2470	Pottery, ceramics, and plumbing fixture manufacturing	32711
2480	Clay building material and refractories manufacturing	327120
2490	Glass and glass product manufacturing	3272
2570	Cement, concrete, lime, and gypsum product manufacturing	3273, 3274
2590	Miscellaneous nonmetallic mineral product manufacturing	3279
2670	Iron and steel mills and steel product manufacturing	3311, 3312
2680	Aluminum production and processing	3313
2690	Nonferrous metal (except aluminum) production and processing	3314
2770	Foundries	3315
2780	Metal forgings and stampings	3321
2790	Cutlery and hand tool manufacturing	3322
2870	Structural metals, and boiler, tank, and shipping container manufacturing	3323, 3324
2880	Machine shops; turned product; screw, nut and bolt manufacturing	3327
2890	Coating, engraving, heat treating and allied activities	3328
2970	Ordinance	332992, 332993, 332994, 332996
2980	Miscellaneous fabricated metal products manufacturing	3325, 3326, 3329 exc. 332992, 332993, 332994, 332996
2990	Not specified metal industries	Part of 331 and 332
3070	Agricultural implement manufacturing	33311
3080	Construction, and mining and oil and gas field machinery manufacturing	33312, 33313
3095	Commercial and service industry machinery manufacturing	3333
3170	Metalworking machinery manufacturing	3335
3180	Engine, turbine, and power transmission equipment manufacturing	3336
3291	"Machinery manufacturing, n.e.c. or not specified"	3332, 3334, 3339, Part of 333
3365	Computer and peripheral equipment manufacturing	3341
3370	Communications, audio, and video equipment manufacturing	3342, 3343
3380	Navigational, measuring, electromedical, and control instruments manufacturing	3345
3390	Electronic component and product manufacturing, n.e.c.	3344, 3346
3470	Household appliance manufacturing	3352
3490	Electric lighting and electrical equipment manufacturing, and other electrical component manufacturing, n.e.c.	3351, 3353, 3359
3570	Motor vehicles and motor vehicle equipment manufacturing	3361, 3362, 3363
3580	Aircraft and parts manufacturing	336411, 336412, 336413
3590	Aerospace products and parts manufacturing	336414, 336415, 336419
3670	Railroad rolling stock manufacturing	3365
3680	Ship and boat building	3366
3690	Other transportation equipment manufacturing	3369

CENSUS CODE	DESCRIPTION	NAICS CODE
3770	Sawmills and wood preservation	3211
3780	Veneer, plywood, and engineered wood products	3212
3790	Prefabricated wood buildings and mobile homes manufacturing	321991, 321992
3875	Miscellaneous wood products	3219 exc. 321991, 321992
3895	Furniture and related product manufacturing	337
3960	Medical equipment and supplies manufacturing	3391
3970	Sporting and athletic goods, and doll, toy and game manufacturing	33992, 33993
3980	Miscellaneous manufacturing, n.e.c.	3399 exc. 33992, 33993
3990	Not specified manufacturing industries	Part of 31, 32, 33

Wholesale Trade

4070	Motor vehicle and motor vehicle parts and supplies merchant wholesalers	4231
4080	Furniture and home furnishing merchant wholesalers	4232
4090	Lumber and other construction materials merchant wholesalers	4233
4170	Professional and commercial equipment and supplies merchant wholesalers	4234
4180	Metals and minerals, except petroleum merchant wholesalers	4235
4195	Household appliances and electrical and electronic goods merchant wholesalers	4236
4265	Hardware, and plumbing and heating equipment, and supplies merchant wholesalers	4237
4270	Machinery, equipment, and supplies merchant wholesalers	4238
4280	Recyclable material merchant wholesalers	42393
4290	Miscellaneous durable goods merchant wholesalers	4239 exc. 42393
4370	Paper and paper products merchant wholesalers	4241
4380	Drugs, sundries, and chemical and allied products merchant wholesalers	4242, 4246
4390	Apparel, piece goods, and notions merchant wholesalers	4243
4470	Grocery and related product merchant wholesalers	4244
4480	Farm product raw material merchant wholesalers	4245
4490	Petroleum and petroleum products merchant wholesalers	4247
4560	Alcoholic beverages merchant wholesalers	4248
4570	Farm supplies merchant wholesalers	42491
4580	Miscellaneous nondurable goods merchant wholesalers	4249 exc. 42491
4585	Wholesale electronic markets and agents and brokers	4251
4590	Not specified wholesale trade	Part of 42

CENSUS CODE	DESCRIPTION	NAICS CODE
Retail Trade		
4670	Automobile dealers	4411
4680	Other motor vehicle dealers	4412
4690	Auto parts, accessories, and tire stores	4413
4770	Furniture and home furnishings stores	442
4780	Household appliance stores	443141
4795	Electronics stores	443142
4870	Building material and supplies dealers	4441 exc. 44413
4880	Hardware stores	44413
4890	Lawn and garden equipment and supplies stores	4442
4971	Supermarkets and Other Grocery (except Convenience) Stores	44511
4972	Convenience Stores	44512
4980	Specialty food stores	4452
4990	Beer, wine, and liquor stores	4453
5070	Pharmacies and drug stores	44611
5080	Health and personal care, except drug, stores	446 exc.44611
5090	Gasoline stations	447
5170	Clothing stores	4481
5180	Shoe stores	44821
5190	Jewelry, luggage, and leather goods stores	4483
5275	Sporting goods, and hobby and toy stores	45111, 45112
5280	Sewing, needlework, and piece goods stores	45113
5295	Musical instrument and supplies stores	45114
5370	Book stores and news dealers	45121
5381	Department stores	45221
5391	General merchandise stores, including warehouse clubs and supercenters	4523
5470	Florists	4531
5480	Office supplies and stationery stores	45321
5490	Used merchandise stores	4533
5570	Gift, novelty, and souvenir shops	45322
5580	Miscellaneous retail stores	4539
5593	Electronic shopping and mail-order houses	454110
5670	Vending machine operators	4542
5680	Fuel dealers	454310
5690	Other direct selling establishments	45439
5790	Not specified retail trade	Part of 44, 45
Transportation and Warehousing		
6070	Air transportation	481
6080	Rail transportation	482
6090	Water transportation	483
6170	Truck transportation	484
6180	Bus service and urban transit	4851, 4852, 4854, 4855, 4859
6190	Taxi and limousine service	4853
6270	Pipeline transportation	486
6280	Scenic and sightseeing transportation	487

CENSUS CODE	DESCRIPTION	NAICS CODE
6290	Services incidental to transportation	488
6370	Postal Service	491
6380	Couriers and messengers	492
6390	Warehousing and storage	493
Information		
6470	Newspaper publishers	51111
6480	Periodical, book, and directory publishers	5111 exc. 51111
6490	Software publishing	5112
6570	Motion pictures and video industries	5121
6590	Sound recording industries	5122
6670	Broadcasting (except internet)	515
6672	Internet publishing and broadcasting and web search portals	51913
6680	Wired telecommunications carriers	517311
6690	Telecommunications, except wired telecommunications carriers	517 exc. 517311
6695	Data processing, hosting, and related services	5182
6770	Libraries and archives	51912
6780	Other information services, except libraries and archives, and internet publishing and broadcasting and web search portals	5191 exc. 51912, 51913
<i>Finance, Insurance, Real Estate, and Rental and Leasing</i>		
Finance and Insurance		
6870	Banking and related activities	521, 52211, 52219
6880	Savings institutions, including credit unions	52212, 52213
6890	Nondepository credit and related activities	5222, 5223
6970	Securities, commodities, funds, trusts, and other financial investments	523, 525
6991	Insurance carriers	5241
6992	Agencies, brokerages, and other insurance related activities	5242
Real Estate and Rental and Leasing		
7071	Lessors of real estate, and offices of real estate agents and brokers	5311, 5312
7072	Real estate property managers, offices of real estate appraisers, and other activities related to real estate	5313
7080	Automotive equipment rental and leasing	5321
7181	Other consumer goods rental	53221, 532281, 532282, 532283, 532284, 532289, 5323
7190	Commercial, industrial, and other intangible assets rental and leasing	5324, 533
<i>Professional, Scientific, Management, Administrative, and Waste management services</i>		
Professional, Scientific, and Technical Services		
7270	Legal services	5411
7280	Accounting, tax preparation, bookkeeping, and payroll services	5412
7290	Architectural, engineering, and related services	5413
INDUSTRY CLASSIFICATION		A-6

CENSUS CODE	DESCRIPTION	NAICS CODE
7370	Specialized design services	5414
7380	Computer systems design and related services	5415
7390	Management, scientific, and technical consulting services	5416
7460	Scientific research and development services	5417
7470	Advertising, public relations, and related services	5418
7480	Veterinary services	54194
7490	Other professional, scientific, and technical services	5419 exc.
<i>Management of companies and enterprises</i>		
7570	Management of companies and enterprises	55
<i>Administrative and support and waste management services</i>		
7580	Employment services	5613
7590	Business support services	5614
7670	Travel arrangements and reservation services	5615
7680	Investigation and security services	5616
7690	Services to buildings and dwellings (except cleaning during construction and immediately after construction)	5617 exc. 56173
7770	Landscaping services	56173
7780	Other administrative and other support services	5611, 5612, 5619
7790	Waste management and remediation services	562
<i>Educational Services, and Health Care and Social Assistance</i>		
Educational Services		
7860	Elementary and secondary schools	6111
7870	Colleges, universities, and professional schools, including junior colleges	6112, 6113
7880	Business, technical, and trade schools and training	6114, 6115
7890	Other schools and instruction, and educational support services	6116, 6117
Health Care and Social Assistance		
7970	Offices of physicians	6211
7980	Offices of dentists	6212
7990	Offices of chiropractors	62131
8070	Offices of optometrists	62132
8080	Offices of other health practitioners	6213 exc. 62131, 62132
8090	Outpatient care centers	6214
8170	Home health care services	6216
8180	Other health care services	6215, 6219
8191	General medical and surgical hospitals, and specialty (except psychiatric and substance abuse) hospitals	6221, 6223
8192	Psychiatric and substance abuse hospitals	6222
8270	Nursing care facilities (skilled nursing facilities)	6231
8290	Residential care facilities, except skilled nursing facilities	6232, 6233,
INDUSTRY CLASSIFICATION		A-7

CENSUS CODE	DESCRIPTION	NAICS CODE
		6239
8370	Individual and family services	6241
8380	Community food and housing, and emergency services	6242
8390	Vocational rehabilitation services	6243
8470	Child day care services	6244
<i>Arts, Entertainment, and Recreation, and Accommodation and Food Services</i>		
Arts, Entertainment, and Recreation		
8561	Performing arts companies	7111
8562	Spectator sports	7112
8563	Promoters of performing arts, sports, and similar events, agents and managers for artists, athletes, entertainers, and other public figures	7113, 7114
8564	Independent artists, writers, and performers	7115
8570	Museums, art galleries, historical sites, and similar institutions	712
8580	Bowling centers	71395
8590	Other amusement, gambling, and recreation industries	713 exc. 71395
Accommodation and Food Service		
8660	Traveler accommodation	7211
8670	Recreational vehicle parks and camps, and rooming and boarding houses, dormitories, and workers' camps	7212, 7213
8680	Restaurants and other food services	722 exc. 7224
8690	Drinking places, alcoholic beverages	7224
Other Services, Except Public Administration		
8770	Automotive repair and maintenance	8111 exc. 811192
8780	Car washes	811192
8790	Electronic and precision equipment repair and maintenance	8112
8870	Commercial and industrial machinery and equipment repair and maintenance	8113
8891	Personal and household goods repair and maintenance	8114
8970	Barber shops	812111
8980	Beauty salons	812112
8990	Nail salons and other personal care services	812113, 81219
9070	Dry cleaning and laundry services	8123
9080	Funeral homes, cemeteries, and crematories	8122
9090	Other personal services	8129
9160	Religious organizations	8131
9170	Civic, social, advocacy organizations, and grant making and giving services	8132, 8133, 8134
9180	Labor unions	81393
9190	Business, professional, political, and similar organizations	8139 exc. 81393
9290	Private households	814

Public Administration

CENSUS CODE	DESCRIPTION	NAICS CODE
9370	Executive offices and legislative bodies	92111, 92112, 92114, pt. 92115
9380	Public finance activities	92113
9390	Other general government and support	92119
9470	Justice, public order, and safety activities	922, pt. 92115
9480	Administration of human resource programs	923
9490	Administration of environmental quality and housing programs	924, 925
9570	Administration of economic programs and space research	926, 927
9590	National security and international affairs	928
	Military	
9890	Military	928110

Detailed Industry Recodes
(01-52)

These codes correspond to item A_DTIND. See Appendix G of this document for the ascii file location.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture	0170 - 0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190 - 0280
3	Mining	0370 - 0490
4	Construction	0770
5	Nonmetallic mineral products	2470 - 2590
6	Primary metals and fabricated metal products	2670 - 2990
7	Machinery manufacturing	3070 - 3291
8	Computer and electronic products	3365 - 3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570 - 3690
11	Wood products	3770 - 3875
12	Furniture and fixtures manufacturing	3895
13	Miscellaneous and not specified manufacturing	3960 - 3990
14	Food manufacturing	1070 - 1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470 - 1790
17	Paper and printing	1870 - 1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170 - 2290
20	Plastics and rubber products	2370 - 2390
21	Wholesale trade	4070 - 4590
22	Retail trade	4670 - 5790
23	Transportation and warehousing	6070 - 6390
24	Utilities	0570 - 0690
25	Publishing industries (except internet)	6470 - 6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870 - 6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080 - 7190
36	Professional and technical services	7270 - 7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580 - 7780
39	Waste management and remediation services	7790
40	Educational services	7860 - 7890
41	Hospitals	8190
INDUSTRY CLASSIFICATION		A-10

CENSUS CODE	DESCRIPTION	NAICS CODE
42	Health care services, except hospitals	7970 - 8180,
43	Social assistance	8370 - 8470
44	Arts, entertainment, and recreation	8560 - 8590
45	Accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770 - 8890
48	Personal and laundry services	8970 - 9090
49	Membership associations and organizations	9160 - 9190
50	Private households	9290
51	Public administration	9370 - 9590
52	Military	9890

Detailed Industry Recodes
(01-23)

These codes correspond to item WEIND. See Appendix G of this document for the ascii file location.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining, Quarrying, and Oil and Gas Extraction	0370-0490
3	Construction	0770
4	Durable goods manufacturing	2470-3990
5	Nondurable goods manufacturing	1070-2390
6	Wholesale trade	4070-4590
7	Retail trade	4670-5790
8	Transportation and warehousing	6070-6390
9	Utilities	0570-0690
10	Information	6470-6780
11	Finance and insurance	6870-6992
12	Real estate and rental and leasing	7071-7190
13	Professional, scientific, & technical services	7270-7490
14	Management of companies and enterprises, administrative and support, and waste management services	7570-7790
15	Educational services	7860-7890
16	Health care and social assistance	7970-8470
17	Arts, entertainment, and recreation	8561-8590
18	Accommodations and food service	8660-8690
19	Private households	9290
20	Other services, except private households and public administration	8770-9190
21	Public administration	9370-9590
22	Military	9890
23	Never Worked	

Major Industry Recodes (01-15)

These codes correspond to items A_MJIND and WEMIND. See Appendix G of this document for the ascii file location.

CODE	DESCRIPTION	INDUSTRY CODE
1	Agriculture, forestry, fishing, and hunting	0170-0290
2	Mining, Quarrying, and Oil and Gas Extraction	0370-0490
3	Construction	0770
4	Manufacturing	1070-3990
5	Wholesale and retail trade	4070-5790
6	Transportation and Warehousing, and Utilities	6070-6390, 0570-0690
7	Information	6470-6780
8	Finance and Insurance, and Real Estate and Rental and Leasing	6870-7190
9	Professional, Scientific, and Management, and Administrative, and Waste Management Services	7270-7790
10	Educational Services, and Health Care and Social Assistance	7860-8470
11	Arts, Entertainment, and Recreation, and Accommodation and Food Services	8561-8690
12	Other Services, Except Public Administration	8770-9290
13	Public administration	9370-9590
14	Military	9890
15. ¹	Never Worked	

¹ Only applies to ASEC variable WEMIND
INDUSTRY CLASSIFICATION

APPENDIX B

OCCUPATION CLASSIFICATION

(Beginning January 2020)

These categories are aggregated into 23 detailed groups and 11 major groups (see pages 10-17 and 10-18). The codes in the right hand column are the 2018 SOC equivalent.

These codes correspond to items PTIO1OCD and PTIO2OCD in positions 860-863 and 868-871 of the Basic CPS record layout in all months, **except the ASEC files**. In **ASEC**, these codes correspond to items PEIOOCC and OCCUP of the Persons Record. These codes are also applicable for any other CPS supplements that collect occupation data.

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
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Management, Business, Science, and Arts Occupations

Management Occupations

0010	Chief executives	11-1011
0020	General and operations managers	11-1021
0040	Advertising and promotions managers	11-2011
0051	Marketing managers	11-2021
0052	Sales managers	11-2022
0060	Public relations and fundraising managers	11-2030
0101	Administrative services managers	11-3012
0102	Facilities managers	11-3013
0110	Computer and information systems managers	11-3021
0120	Financial managers	11-3031
0135	Compensation and benefits managers	11-3111
0136	Human resources managers	11-3121
0137	Training and development managers	11-3131
0140	Industrial production managers	11-3051
0150	Purchasing managers	11-3061
0160	Transportation, storage, and distribution managers	11-3071
0205	Farmers, ranchers, and other agricultural managers	11-9013
0220	Construction managers	11-9021
0230	Education and childcare administrators	11-9030
0300	Architectural and engineering managers	11-9041
0310	Food service managers	11-9051
0335	Entertainment and recreation managers	11-9070
0340	Lodging managers	11-9081
0350	Medical and health services managers	11-9111
0360	Natural sciences managers	11-9121
0410	Property, real estate, and community association managers	11-9141

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
0420	Social and community service managers	11-9151
0425	Emergency management directors	11-9161
0440	Other managers	11-91XX

Business and Financial Operations Occupations

0500	Agents and business managers of artists, performers, and athletes	13-1011
0510	Buyers and purchasing agents, farm products	13-1021
0520	Wholesale and retail buyers, except farm products	13-1022
0530	Purchasing agents, except wholesale, retail, and farm products	13-1023
0540	Claims adjusters, appraisers, examiners, and investigators	13-1030
0565	Compliance officers	13-1041
0600	Cost estimators	13-1051
0630	Human resource workers	13-1070
0640	Compensation, benefits, and job analysis specialists	13-1141
0650	Training and development specialists	13-1151
0700	Logisticians	13-1081
0705	Project management specialists	13-1082
0710	Management analysts	13-1111
0725	Meeting, convention, and event planners	13-1121
0726	Fundraisers	13-1131
0735	Market research analysts and marketing specialists	13-1161
0750	Business operations specialists, all other	13-1199
0800	Accountants and auditors	13-2011
0810	Property appraisers and assessors	13-2020
0820	Budget analysts	13-2031
0830	Credit analysts	13-2041
0845	Financial and investment analysts	13-2051
0850	Personal financial advisors	13-2052
0860	Insurance underwriters	13-2053
0900	Financial examiners	13-2061
0910	Credit counselors and loan officers	13-2070
0930	Tax examiners and collectors, and revenue agents	13-2081
0940	Tax preparers	13-2082
0960	Other financial specialists	13-20XX

Computer, Engineering, and Science Occupations

Computer and Mathematical Occupations

1005	Computer and information research scientists	15-1221
1006	Computer systems analysts	15-1211
1007	Information security analysts	15-1212
1010	Computer programmers	15-1251
1021	Software developers	15-1252
1022	Software quality assurance analysts and testers	15-1253
1031	Web developers	15-1254

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
1032	Web and digital interface designers	15-1255
1050	Computer support specialists	15-1230
1065	Database administrators and architects	15-124X
1105	Network and computer systems administrators	15-1244
1106	Computer network architects	15-1241
1108	Computer occupations, all other	15-1299
1200	Actuaries	15-2011
1220	Operations research analysts	15-2031
1240	Other mathematical science occupations	15-20XX

Architecture and Engineering Occupations

1305	Architects, except landscape and naval	17-1011
1306	Landscape architects	17-1012
1310	Surveyors, cartographers, and photogrammetrists	17-1020
1320	Aerospace engineers	17-2011
1340	Biomedical and agricultural engineers	17-20XX
1350	Chemical engineers	17-2041
1360	Civil engineers	17-2051
1400	Computer hardware engineers	17-2061
1410	Electrical and electronic engineers	17-2070
1420	Environmental engineers	17-2081
1430	Industrial engineers, including health and safety	17-2110
1440	Marine engineers and naval architects	17-2121
1450	Materials engineers	17-2131
1460	Mechanical engineers	17-2141
1520	Petroleum, mining and geological engineers, including mining safety engineers	17-21XX
1530	Other engineers	17-21XX
1541	Architectural and civil drafters	17-3011
1545	Other drafters	17-301X
1551	Electrical and electronic engineering technologists and technicians	17-3023
1555	Other engineering technologists and technicians, except drafters	17-302X
1560	Surveying and mapping technicians	17-3031

Life, Physical, and Social Science Occupations

1600	Agricultural and food scientists	19-1010
1610	Biological scientists	19-1020
1640	Conservation scientists and foresters	19-1030
1650	Other life scientists	19-10XX
1700	Astronomers and physicists	19-2010
1710	Atmospheric and space scientists	19-2021
1720	Chemists and materials scientists	19-2030
1745	Environmental scientists and specialists, including health	19-2041
1750	Geoscientists and hydrologists, except geographers	19-204X
1760	Physical scientists, all other	19-2099
1800	Economists	19-3011
1821	Clinical and counseling psychologists	19-3033

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
1822	School psychologists	19-3034
1825	Other psychologists	19-303X
1840	Urban and regional planners	19-3051
1860	Other social scientists	19-30XX
1900	Agricultural and food science technicians	19-4010
1910	Biological technicians	19-4021
1920	Chemical technicians	19-4031
1935	Environmental science and geoscience technicians, and nuclear technicians	19-40XX
1970	Other life, physical, and social science technicians	19-40YY
1980	Occupational health and safety specialists and technicians	19-5010

Education, Legal, Community Service, Arts, and Media Occupations

Community and Social Services Occupations

2001	Substance abuse and behavioral disorder counselors	21-1011
2002	Educational, guidance, and career counselors and advisors	21-1012
2003	Marriage and family therapists	21-1013
2004	Mental health counselors	21-1014
2005	Rehabilitation counselors	21-1015
2006	Counselors, all other	21-1019
2011	Child, family, and school social workers	21-1021
2012	Healthcare social workers	21-1022
2013	Mental health and substance abuse social workers	21-1023
2014	Social workers, all other	21-1029
2015	Probation officers and correctional treatment specialists	21-1092
2016	Social and human service assistants	21-1093
2025	Other community and social service specialists	21-109X
2040	Clergy	21-2011
2050	Directors, religious activities and education	21-2021
2060	Religious workers, all other	21-2099

Legal Occupations

2100	Lawyers, and judges, magistrates and other judicial workers	23-10XX
2105	Judicial law clerks	23-1012
2145	Paralegals and legal assistants	23-2011
2170	Title examiners, abstractors, and searchers	23-2093
2180	Legal support workers, all other	23-2099

Educational Instruction, and Library Occupations

2205	Postsecondary teachers	25-1000
2300	Preschool and kindergarten teachers	25-2010
2310	Elementary and middle school teachers	25-2020
2320	Secondary school teachers	25-2030
2330	Special education teachers	25-2050
2350	Tutors	25-3041
2360	Other teachers and instructors	25-30XX

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
2400	Archivists, curators, and museum technicians	25-4010
2435	Librarians and media collections specialists	25-4022
2440	Library technicians	25-4031
2545	Teaching assistants	25-9040
2555	Other educational instruction and library workers	25-90XX

Arts, Design, Entertainment, Sports, and Media Occupations

2600	Artists and related workers	27-1010
2631	Commercial and industrial designers	27-1021
2632	Fashion designers	27-1022
2633	Floral designers	27-1023
2634	Graphic designers	27-1024
2635	Interior designers	27-1025
2636	Merchandise displayers and window trimmers	27-1026
2640	Other designers	27-102X
2700	Actors	27-2011
2710	Producers and directors	27-2012
2721	Athletes and sports competitors	27-2021
2722	Coaches and scouts	27-2022
2723	Umpires, referees, and other sports officials	27-2023
2740	Dancers and choreographers	27-2030
2751	Music directors and composers	27-2041
2752	Musicians and singers	27-2042
2755	Disc jockeys, except radio	27-2091
2770	Entertainers and performers, sports and related workers, all other	27-2099
2805	Broadcast announcers and radio disc jockeys	27-3011
2810	News analysts, reporters, and journalists	27-3023
2825	Public relations specialists	27-3031
2830	Editors	27-3041
2840	Technical writers	27-3042
2850	Writers and authors	27-3043
2861	Interpreters and translators	27-3091
2862	Court reporters and simultaneous captioners	27-3092
2865	Media and communication workers, all other	27-3099
2905	Other media and communication equipment workers	27-40XX
2910	Photographers	27-4021
2920	Television, video, and film camera operators and editors	27-4030

Healthcare Practitioners and Technical Occupations

3000	Chiropractors	29-1011
3010	Dentists	29-1020
3030	Dietitians and nutritionists	29-1031
3040	Optometrists	29-1041
3050	Pharmacists	29-1051
3090	Physicians	29-1210
3100	Surgeons	29-1240

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
3110	Physician assistants	29-1071
3120	Podiatrists	29-1081
3140	Audiologists	29-1181
3150	Occupational therapists	29-1122
3160	Physical therapists	29-1123
3200	Radiation therapists	29-1124
3210	Recreational therapists	29-1125
3220	Respiratory therapists	29-1126
3230	Speech-language pathologists	29-1127
3245	Other therapists	29-112X
3250	Veterinarians	29-1131
3255	Registered nurses	29-1141
3256	Nurse anesthetists	29-1151
3258	Nurse practitioners, and nurse midwives	29-11XX
3261	Acupuncturists	29-1291
3270	Healthcare diagnosing or treating practitioners, all other	29-1299
3300	Clinical laboratory technologists and technicians	29-2010
3310	Dental hygienists	29-1292
3321	Cardiovascular technologists and technicians	29-2031
3322	Diagnostic medical sonographers	29-2032
3323	Radiologic technologists and technicians	29-2034
3324	Magnetic resonance imaging technologists	29-2035
3330	Nuclear medicine technologists and medical dosimetrists	29-203X
3401	Emergency medical technicians	29-2042
3402	Paramedics	29-2043
3421	Pharmacy technicians	29-2052
3422	Psychiatric technicians	29-2053
3423	Surgical technologists	29-2055
3424	Veterinary technologists and technicians	29-2056
3430	Dietetic technicians and ophthalmic medical technicians	29-205X
3500	Licensed practical and licensed vocational nurses	29-2061
3515	Medical records specialists	29-2072
3520	Opticians, dispensing	29-2081
3545	Miscellaneous health technologists and technicians	29-2090
3550	Other healthcare practitioners and technical occupations	29-9000

Service Occupations

Healthcare Support Occupations

3601	Home health aides	31-1121
3602	Personal care aides	31-1122
3603	Nursing assistants	31-1131
3605	Orderlies and psychiatric aides	31-113X
3610	Occupational therapist assistants and aides	31-2010
3620	Physical therapist assistants and aides	31-2020
3630	Massage therapists	31-9011
3640	Dental assistants	31-9091
3645	Medical assistants	31-9092
3646	Medical transcriptionists	31-9094
3647	Pharmacy aides	31-9095
3648	Veterinary assistants and laboratory animal caretakers	31-9096
3649	Phlebotomists	31-9097
3655	Other healthcare support workers	31-909X

Protective Service Occupations

3700	First-line supervisors of correctional officers	33-1011
3710	First-line supervisors of police and detectives	33-1012
3720	First-line supervisors of firefighting and prevention workers	33-1021
3725	Miscellaneous first-line supervisors, protective service workers	33-1090
3740	Firefighters	33-2011
3750	Fire inspectors	33-2020
3801	Bailiffs	33-3011
3802	Correctional officers and jailers	33-3012
3820	Detectives and criminal investigators	33-3021
3840	Fish and game wardens and parking enforcement officers	33-30XX
3870	Police officers	33-3050
3900	Animal control workers	33-9011
3910	Private detectives and investigators	33-9021
3930	Security guards and gambling surveillance officers	33-9030
3940	Crossing guards and flaggers	33-9091
3945	Transportation security screeners	33-9093
3946	School bus monitors	33-9094
3960	Other protective service workers	33-909X

Food Preparation and Serving Related Occupations

4000	Chefs and head cooks	35-1011
4010	First-line supervisors of food preparation and serving workers	35-1012
4020	Cooks	35-2010
4030	Food preparation workers	35-2021
4040	Bartenders	35-3011

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
4055	Fast food and counter workers	35-3023
4110	Waiters and waitresses	35-3031
4120	Food servers, non-restaurant	35-3041
4130	Dining room and cafeteria attendants and bartender helpers	35-9011
4140	Dishwashers	35-9021
4150	Hosts and hostesses, restaurant, lounge, and coffee shop	35-9031
4160	Food preparation and serving related workers, all other	35-9099

Building and Grounds Cleaning and Maintenance Occupations

4200	First-line supervisors of housekeeping and janitorial workers	37-1011
4210	First-line supervisors of landscaping, lawn service, and groundskeeping workers	37-1012
4220	Janitors and building cleaners	31-201X
4230	Maids and housekeeping cleaners	37-2012
4240	Pest control workers	37-2021
4251	Landscaping and grounds keeping workers	37-3011
4252	Tree trimmers and pruners	37-3013
4255	Other grounds maintenance workers	37-301X

Personal Care and Service Occupations

4330	Supervisors of personal care and service workers	39-1000
4340	Animal trainers	39-2011
4350	Animal caretakers	39-2021
4400	Gambling services workers	39-3010
4420	Ushers, lobby attendants, and ticket takers	39-3031
4435	Other entertainment attendants and related workers	39-30XX
4461	Embalmers, crematory operators and funeral attendants	39-40XX
4465	Morticians, undertakers, and funeral arrangers	39-4031
4500	Barbers	39-5011
4510	Hairdressers, hairstylists, and cosmetologists	39-5012
4521	Manicurists and pedicurists	39-5092
4522	Skincare specialists	39-5094
4525	Other personal appearance workers	39-509X
4530	Baggage porters, bellhops, and concierges	39-6010
4540	Tour and travel guides	39-7010
4600	Childcare workers	39-9011
4621	Exercise trainers and group fitness instructors	39-9031
4622	Recreation workers	39-9032
4640	Residential advisors	39-9041
4655	Personal care and service workers, all other	39-9099

Sales and Office Occupations

Sales and Related Occupations

4700	First-line supervisors of retail sales workers	41-1011
4710	First-line supervisors of non-retail sales workers	41-1012
4720	Cashiers	41-2010
4740	Counter and rental clerks	41-2021
4750	Parts salespersons	41-2022
4760	Retail salespersons	41-2031
4800	Advertising sales agents	41-3011
4810	Insurance sales agents	41-3021
4820	Securities, commodities, and financial services sales agents	41-3031
4830	Travel agents	41-3041
4840	Sales representatives of services, except advertising, insurance, financial services, and travel	41-3091
4850	Sales representatives, wholesale and manufacturing	41-4010
4900	Models, demonstrators, and product promoters	41-9010
4920	Real estate brokers and sales agents	41-9020
4930	Sales engineers	41-9031
4940	Telemarketers	41-9041
4950	Door-to-door sales workers, news and street vendors, and related workers	41-9091
4965	Sales and related workers, all other	41-9099

Office and Administrative Support Occupations

5000	First-line supervisors of office and administrative support workers	43-1011
5010	Switchboard operators, including answering service	43-2011
5020	Telephone operators	43-2021
5040	Communications equipment operators, all other	43-2099
5100	Bill and account collectors	43-3011
5110	Billing and posting clerks	43-3021
5120	Bookkeeping, accounting and auditing clerks	43-3031
5140	Payroll and timekeeping clerks	43-3051
5150	Procurement clerks	43-3061
5160	Tellers	43-3071
5165	Other financial clerks	43-30XX
5220	Court, municipal, and license clerks	43-4031
5230	Credit authorizers, checkers, and clerks	43-4041
5240	Customer service representatives	43-4051
5250	Eligibility interviewers, government programs	43-4061
5260	File Clerks	43-4071
5300	Hotel, motel, and resort desk clerks	43-4081
5310	Interviewers, except eligibility and loan	43-4111
5320	Library assistants, clerical	43-4121
5330	Loan interviewers and clerks	43-4131
5340	New accounts clerks	43-4141
5350	Correspondence clerks and order clerks	43-4XXX

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
5360	Human resources assistants, except payroll and timekeeping	43-4161
5400	Receptionists and information clerks	43-4171
5410	Reservation and transportation ticket agents and travel clerks	43-4181
5420	Other information and record clerks, all other	43-4YYY
5500	Cargo and freight agents	43-5011
5510	Couriers and messengers	43-5021
5521	Public safety telecommunicators	43-5031
5522	Dispatchers, except police, fire, and ambulance	43-5032
5530	Meter readers, utilities	43-5041
5540	Postal service clerks	43-5051
5550	Postal service mail carriers	43-5052
5560	Postal service mail sorters, processors, and processing machine operators	43-5053
5600	Production, planning, and expediting clerks	43-5061
5610	Shipping, receiving, and inventory clerks	43-5071
5630	Weighers, measurers, checkers, and samplers, recordkeeping	43-5111
5710	Executive secretaries and executive administrative assistants	43-6011
5720	Legal secretaries and administrative assistants	43-6012
5730	Medical secretaries and administrative assistants	43-6013
5740	Secretaries and administrative assistants, except legal, medical, and executive	43-6014
5810	Data entry keyers	43-9021
5820	Word processors and typists	43-9022
5840	Insurance claims and policy processing clerks	43-9041
5850	Mail clerks and mail machine operators, except postal service	43-9051
5860	Office clerks, general	43-9061
5900	Office machine operators, except computer	43-9071
5910	Proofreaders and copy markers	43-9081
5920	Statistical assistants	43-9111
5940	Other office and administrative support workers	43-9XXX

Natural Resources, Construction, and Maintenance Occupations

Farming, Fishing, and Forestry Occupations

6005	First-line supervisors of farming, fishing, and forestry workers	45-1011
6010	Agricultural inspectors	45-2011
6040	Graders and sorters, agricultural products	45-2041
6050	Other agricultural workers	45-20XX
6115	Fishing and hunting workers	45-3031
6120	Forest and conservation workers	45-4011
6130	Logging workers	45-4020

Construction and Extraction Occupations

6200	First-line supervisors of construction trades and extraction workers	47-1011
6210	Boilermakers	47-2011
6220	Brickmasons, blockmasons, stonemasons, and reinforcing iron and rebar workers	47-2XXX
6230	Carpenters	47-2031
6240	Carpet, floor, and tile installers and finishers	47-2040
6250	Cement masons, concrete finishers, and terrazzo workers	47-2050
6260	Construction laborers	47-2061
6305	Construction equipment operators	47-2070
6330	Drywall installers, ceiling tile installers, and tapers	47-2080
6355	Electricians	47-2111
6360	Glaziers	47-2121
6400	Insulation workers	47-2130
6410	Painters and paperhangers	47-2140
6441	Pipelayers	47-2151
6442	Plumbers, pipefitters, and steamfitters	47-2152
6460	Plasterers and stucco masons	47-2161
6515	Roofers	47-2181
6520	Sheet metal workers	47-2211
6530	Structural iron and steel workers	47-2221
6540	Solar photovoltaic installers	47-2231
6600	Helpers, construction trades	47-3010
6660	Construction and building inspectors	47-4011
6700	Elevator and escalator installers and repairers	47-4021
6710	Fence erectors	47-4031
6720	Hazardous materials removal workers	47-4041
6730	Highway maintenance workers	47-4051
6740	Rail-track laying and maintenance equipment operators	47-4061
6765	Other construction and related workers	47-40XX
6800	Derrick, rotary drill, and service unit operators, and roustabouts, oil and gas	47-50YY
6825	Surface mining machine operators and earth drillers	47-5020
6835	Explosives workers, ordnance handling experts, and blasters	47-5032
6850	Underground mining machine operators	47-5040
6950	Other extraction workers	47-50XX

Installation, Maintenance, and Repair Occupations

7000	First-line supervisors of mechanics, installers, and repairers	49-1011
7010	Computer, automated teller, and office machine repairers	49-2011
7020	Radio and telecommunications equipment installers and repairers	49-2020
7030	Avionics technicians	49-2091
7040	Electric motor, power tool, and related repairers	49-2092
7100	Other electrical and electronic equipment mechanics, installers, and repairers	49-209X
7120	Audiovisual equipment installers and repairers	49-2097
7130	Security and fire alarm systems installers	49-2098
7140	Aircraft mechanics and service technicians	49-3011
7150	Automotive body and related repairers	49-3021
7160	Automotive glass installers and repairers	49-3022
7200	Automotive service technicians and mechanics	49-3023
7210	Bus and truck mechanics and diesel engine specialists	49-3031
7220	Heavy vehicle and mobile equipment service technicians and mechanics	49-3040
7240	Small engine mechanics	49-3050
7260	Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers	49-3090
7300	Control and valve installers and repairers	49-9010
7315	Heating, air conditioning, and refrigeration mechanics and installers	49-9021
7320	Home appliance repairers	49-9031
7330	Industrial and refractory machinery mechanics	49-904X
7340	Maintenance and repair workers, general	49-9071
7350	Maintenance workers, machinery	49-9043
7360	Millwrights	49-9044
7410	Electrical power-line installers and repairers	49-9051
7420	Telecommunications line installers and repairers	49-9052
7430	Precision instrument and equipment repairers	49-9060
7510	Coin, vending, and amusement machine servicers and repairers	49-9091
7540	Locksmiths and safe repairers	49-9094
7560	Riggers	49-9096
7610	Helpers--installation, maintenance, and repair workers	49-9098
7640	Other installation, maintenance, and repair workers	49-90XX

Production, Transportation, and Material Moving Occupations

Production Occupation

7700	First-line supervisors of production and operating workers	51-1011
7720	Electrical, electronics, and electromechanical assemblers	51-2020
7730	Engine and other machine assemblers	51-2031
7740	Structural metal fabricators and fitters	51-2041
7750	Other assemblers and fabricators	51-20XX
7800	Bakers	51-3011
7810	Butchers and other meat, poultry, and fish processing workers	51-3020
7830	Food and tobacco roasting, baking, and drying machine operators and tenders	51-3091
7840	Food batchmakers	51-3092
7850	Food cooking machine operators and tenders	51-3093
7855	Food processing workers, all other	51-3099
7905	Computer numerically controlled tool operators and programmers	51-9160
7925	Forming machine setters, operators, and tenders, metal and plastic	51-4020
7950	Cutting, punching, and press machine setters, operators, and tenders, metal and plastic	51-4031
8000	Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic	51-4033
8025	Other machine tool setters, operators, and tenders, metal and plastic	51-403X
8030	Machinists	51-4041
8040	Metal furnace operators, tenders, pourers, and casters	51-4050
8100	Model makers, patternmakers, and molding machine setters, metal and plastic	51-40XX
8130	Tool and die makers	51-4111
8140	Welding, soldering, and brazing workers	51-4120
8225	Other metal workers and plastic workers	51-4XXX
8250	Prepress technicians and workers	51-5111
8255	Printing press operators	51-5112
8256	Print binding and finishing workers	51-5113
8300	Laundry and dry-cleaning workers	51-6011
8310	Pressers, textile, garment, and related materials	51-6021
8320	Sewing machine operators	51-6031
8335	Shoe and leather workers	51-6040
8350	Tailors, dressmakers, and sewers	51-6050
8365	Textile machine setters, operators, and tenders	51-6060
8450	Upholsterers	51-6093
8465	Other textile, apparel, and furnishings workers	51-609X
8500	Cabinetmakers and bench carpenters	51-7011
8510	Furniture finishers	51-7021
8530	Sawing machine setters, operators, and tenders, wood	51-7041
8540	Woodworking machine setters, operators, and tenders, except sawing	51-7042
8555	Other woodworkers	51-70XX
8600	Power plant operators, distributors, and dispatchers	51-8010
8610	Stationary engineers and boiler operators	51-8021
8620	Water and wastewater treatment plant and system operators	51-8031
8630	Miscellaneous plant and system operators	51-8090

2018 CENSUS CODE	DESCRIPTION	2018 SOC CODE
8640	Chemical processing machine setters, operators, and tenders	51-9010
8650	Crushing, grinding, polishing, mixing, and blending workers	51-9020
8710	Cutting workers	51-9030
8720	Extruding, forming, pressing, and compacting machine setters, operators, and tenders	51-9041
8730	Furnace, kiln, oven, drier, and kettle operators and tenders	51-9051
8740	Inspectors, testers, sorters, samplers, and weighers	51-9061
8750	Jewelers and precious stone and metal workers	51-9071
8760	Dental and ophthalmic laboratory technicians and medical appliance technicians	51-9080
8800	Packaging and filling machine operators and tenders	51-9111
8810	Painting workers	51-9120
8830	Photographic process workers and processing machine operators	51-9151
8850	Adhesive bonding machine operators and tenders	51-9191
8910	Etchers and engravers	51-9194
8920	Molders, shapers, and casters, except metal and plastic	51-9195
8930	Paper goods machine setters, operators, and tenders	51-9196
8940	Tire builders	51-9197
8950	Helpers--production workers	51-9198
8990	Miscellaneous production workers, including equipment operators and tenders	51-91XX

Transportation and Material Moving Occupations

Transportation Occupations:

9005	Supervisors of transportation and material moving workers	53-1000
9030	Aircraft pilots and flight engineers	53-2010
9040	Air traffic controllers and airfield operations specialists	53-2020
9050	Flight attendants	53-2031
9110	Ambulance drivers and attendants, except emergency medical technicians	53-3011
9121	Bus drivers, school	53-3051
9122	Bus drivers, transit and intercity	53-3052
9130	Driver/sales workers and truck drivers	53-3030
9141	Shuttle drivers and chauffeurs	53-3053
9142	Taxi drivers	53-3054
9150	Motor vehicle operators, all other	53-3099
9210	Locomotive engineers and operators	53-4010
9240	Railroad conductors and yardmasters	53-4031
9265	Other rail transportation workers	53-40XX
9300	Sailors and marine oilers, and ship engineers	53-50XX
9310	Ship and boat captains and operators	53-5020
9350	Parking attendants	53-6021
9365	Transportation service attendants	53-6030
9410	Transportation inspectors	53-6051
9415	Passenger attendants	53-6061
9430	Other transportation workers	53-60XX

**2018
CENSUS
CODE**

DESCRIPTION

**2018 SOC
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Material Moving Occupations

9510	Crane and tower operators	53-7021
9570	Conveyor, dredge, and hoist and winch operators	53-70XX
9600	Industrial truck and tractor operators	53-7051
9610	Cleaners of vehicles and equipment	53-7061
9620	Laborers and freight, stock, and material movers, hand	53-7062
9630	Machine feeders and offbearers	53-7063
9640	Packers and packagers, hand	53-7064
9645	Stockers and order fillers	53-7065
9650	Pumping station operators	53-7070
9720	Refuse and recyclable material collectors	53-7081
9760	Other material moving workers	53-71XX

Military Specific Occupations

9840	Military Specific Occupations	55-0000
------	-------------------------------	---------

Detailed Occupation Recodes (01-23)

These codes correspond to Items PRDTOCC1 and PRDTOCC2 in positions 476-479 of the Basic CPS record layout in all months, **except the ASEC files**. In **ASEC**, these codes correspond to Item A_DTOCC.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management occupations	0010-0440
2	Business and financial operations occupations	0500-0960
3	Computer and mathematical occupations	1005-1240
4	Architecture and engineering occupations	1305-1560
5	Life, physical, and social science occupations	1600-1980
6	Community and social service occupation	2001-2060
7	Legal occupations	2100-2180
8	Education, training, and library occupations	2205-2555
9	Arts, design, entertainment, sports, and media occupations	2600-2920
10	Healthcare practitioner and technical occupations	3000-3550
11	Healthcare support occupations	3601-3655
12	Protective service occupations	3700-3960
13	Food preparation and serving related occupations	4000-4160
14	Building and grounds cleaning and maintenance occupations	4200-4255
15	Personal care and service occupations	4330-4655
16	Sales and related occupations	4700-4965
17	Office and administrative support occupations	5000-5940
18	Farming, fishing, and forestry occupations	6005-6130
19	Construction and extraction occupations	6200-6950
20	Installation, maintenance, and repair occupations	7000-7640
21	Production occupations	7700-8990
22	Transportation and material moving occupations	9005-9760
23	Military specific occupations	9840

Major Occupation Group Recodes (01-11)

These codes correspond to Items PRMJ OCC1 and PRMJ OCC2 located in positions 482-485 of the Basic CPS record layout in all months, **except the ASEC files**. In **ASEC**, these codes correspond to Item A_MJOCC.

CODE	CODE DESCRIPTION	OCCUPATION CODE
1	Management, business, and financial occupations	0010-0960
2	Professional and related occupations	1005-3550
3	Service occupations	3601-4655
4	Sales and related occupations	4700-4965
5	Office and administrative support occupations	5000-5940
6	Farming, fishing, and forestry occupations	6005-6130
7	Construction and extraction occupations	6200-6950
8	Installation, maintenance, and repair occupations	7000-7640
9	Production occupations	7700-8990
10	Transportation and material moving occupations	9005-9760
11	Military specific occupations	9840

APPENDIX C

Weighted and Unweighted Counts

Category	Weighted (in 1,000s)	Unweighted
Total Persons	332,382	144,265
Total Family Reference Persons	89,491	40,058
Total Units	132,392	89,473
Interviewed Units (HHds * GQ)	132,392	56,251
Households (Family and NonFamily Householders)	132,216	56,192
Total Family Records in Households	154,246	65,171
Total Families (HHldr, Related, and Unrelated)	89,468	40,050
Family Householders With No Related Subfamilies	80,687	35,936
Family Householders With 1+ Related Subfamilies	3,998	1,931
Unrelated Subfamily	389	183
Related Subfamily	4,394	2,000
Total Unrelated Individuals	64,778	25,121
Nonfamily Householder	47,531	18,325
Other Persons Living With No Relatives	17,247	6,796
Total Person in Households	332,146	144,182
Civilians 15 Years and Older	271,976	115,269
Civilians Less Than 15 Years Old	59,231	28,427
Armed Forces Members	939	486
Group Quarters	176	59
Total Family Records In Group Quarters	185	66
Total Persons	237	83
Civilians 15 Years and Older	233	81
Civilians Less Than 15 Years Old	3	2
Armed Forces Members	0	0
Noninterviewed Units	0	33,222
Type A	0	22,467
Type B/C	0	10,755

APPENDIX D

Public Use Benchmarks

Due to confidentiality procedures (refer to Section 4 in the [ASEC technical documentation](#)), including additional rounding added to protect respondent privacy in 2023, matching exact published estimates for income, official poverty, and the Supplemental Poverty Measure (SPM) may not be possible. However, published estimates and estimates generated from the public use file should be close in value. Using the restrictions and universes listed below will allow exact matches for the weighted counts of “All people,” “All households,” or “All families” as listed in the specified tables.

Income and Earnings:

To match published estimates of “All people” (in [PINC01](#)), “All households”([HINC01](#)), and “All families” ([FINC01](#)), use the following universes and restrictions:

CPS ASEC Public Use Income Benchmarks for Income (Income Year 2023)

Counts in thousands

Characteristic	Income Table Universe	Weight Used	Total Income Variable	Total (Weighted Count)	Mean Income (Published Dollar Value)	Mean Income (Public Use File Dollar Value)
All people ¹	a_age 15+	marsupwt	ptotval	273,148	\$63,510	\$63,483
All families	ftype = 1 (primary family)	fsup_wgt	ftotval	84,707	\$135,700	\$135,638
All households	hrhtype = 1-8 (excludes group quarters)	hsup_wgt	htotval	132,216	\$114,500	\$114,497

¹ Mean calculation excludes people without income (where PTOTVAL = 0). Total with income = 241,776.

Source: U.S. Census Bureau, Current Population Survey 2024 Annual Social and Economic Supplement (CPS ASEC)

To match published worker earnings estimates from [PINC05](#) for both sexes 15 years and over, use the following universes and restrictions:

CPS ASEC Public Use Income Benchmarks for Earnings (Income Year 2023)

Counts in thousands

Characteristic	Income Table Universe	Weight Used	Total Earnings Variable	Total (Weighted Count)	With Earnings		
					Total (Weighted Count)	Mean Earnings (Published dollar value)	Mean Earnings (Published dollar value)
All people	a_age 15+	marsupwt	pearnval	273,148	173,057	\$68,130	\$68,151
Full-time, year-round workers ¹	wkswork>49 and hrswk>34	marsupwt	pearnval	121,376	121,322	\$83,300	\$83,322

¹ Full-time, year-round workers are those that worked more than 34 hours per week (HRSWK) for 50 or more weeks a year (WKSWORK).

Source: U.S. Census Bureau, Current Population Survey 2024 Annual Social and Economic Supplement (CPS ASEC)

Official Poverty:

Notes:

When merging together the person and family files, exclude observations where ftype = 3 (unrelated subfamilies) to prevent unrelated subfamilies from being double-counted in the estimates.

Unrelated individuals under the age of 15 are excluded from the official poverty universe. Because of this, there are 550,400 fewer children in the poverty universe than in the total civilian, noninstitutionalized population (these children are included in the universe for Supplemental Poverty Measure). Only including observations where pov_univ = 1 removes these children from the estimates and is necessary to replicate the published poverty estimates.

To match published estimates of “All people,” “Primary families,” “People in primary families,” and “Related children under 18 in primary families” use the following universes and restrictions:

CPS ASEC Public Use Official Poverty Benchmarks

Counts in thousands

Characteristic	Poverty Table Universe	Weight Used	Total (Weighted Count)	Poverty Rate (Published Estimates)	Poverty Rate (Public Use Estimates)
All people	pov_univ = 1	marsupwt	331,832	11.1	11.1
Primary families	pov_univ = 1				
	and				
	ftype = 1	marsupwt	84,708	8.3	8.3
People in primary families	and				
	hhdrel = 1				
	pov_univ = 1				
Related children under 18 in primary families	and	marsupwt	266,474	9.1	9.1
	ftype = 1				
	pov_univ = 1				
	and				
	ftype = 1				
	and	marsupwt	71,409	15.0	15.0
	hhdrel in				
	(3, 4, 6)				
	and				
	a_age lt 18				

Source: U.S. Census Bureau, Current Population Survey 2024 Annual Social and Economic Supplement (CPS ASEC)

Supplemental Poverty Measure

Notes: Unrelated individuals under the age of 15 are included in the SPM universe. These children are given the official poverty status of the household reference person. Therefore, the total count of “All people” will differ from official poverty above.

To match published estimates of “All people,” use the following universes and restrictions:

Characteristic	SPM Universe	Weight Used	Total	Poverty Rate (Published Estimates)	Poverty Rate (Public Use Estimates)
----------------	--------------	-------------	-------	------------------------------------	-------------------------------------

			(Weighted Count)		
All People	No restriction	marsupwt	332,383	12.9	12.9

Source: U.S. Census Bureau, Current Population Survey 2024 Annual Social and Economic Supplement (CPS ASEC)

Health Insurance Coverage Estimates

To match published estimates of “All people,” use the following universes and restrictions:

CPS ASEC Public Use Health Insurance Coverage Benchmarks

Counts in thousands, rates in percent

Characteristic	Universe	Weight Used	Total (Weighted Count)	Uninsured Rate (Published Estimates)	Uninsured Rate (Public Use Estimates)
All People	cov≠0	marsupwt	331,670	8.0	8.0

Source: U.S. Census Bureau, Current Population Survey 2024 Annual Social and Economic Supplement (CPS ASEC)

Appendix E

2024 ANNUAL SOCIAL AND ECONOMIC SUPPLEMENT CPS FIELD REPRESENTATIVE / CATI INTERVIEWER

ITEMS BOOKLET

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1 BASIC CPS ITEMS

1.1 MOVER ITEMS

HH32b

Did (you/name of reference person) live at this address during the week of November 19, 2023?

- 1 Yes
- 2 No

HH32d

Did any of the following household members live here during the week of November 19, 2023?

- 1 Yes
- 2 No

1.2 FAMILY INCOME

S FAMINC

Which category represents the total combined income of all members of this FAMILY during the past 12 months?

This includes money from jobs, net income from business, farm or rent, pensions, dividends, interest, social security payments and any other money income received by members of this family who are 15 years of age or older?

- | | | | |
|---|-------------------|----|--------------------|
| 1 | Less than \$5,000 | 9 | 30,000 to 34,999 |
| 2 | 5,000 to 7,499 | 10 | 35,000 to 39,999 |
| 3 | 7,500 to 9,999 | 11 | 40,000 to 49,999 |
| 4 | 10,000 to 12,499 | 12 | 50,000 to 59,999 |
| 5 | 12,500 to 14,999 | 13 | 60,000 to 74,999 |
| 6 | 15,000 to 19,999 | 14 | 75,000 to 99,999 |
| 7 | 20,000 to 24,999 | 15 | 100,000 to 149,000 |
| 8 | 25,000 to 29,999 | 16 | 150,000 to more |

1.3 INCDKR

Is the combined income of all members of this FAMILY during the past 12 months above or below \$75,000?

- 1 Above
- 2 Below

2 INTRODUCTION and WORK EXPERIENCE

Pr incom

?[F1] Importance of responding

* Wording of introduction is optional.

The questions you just answered were about your job and economic status last week.
The next set of questions ask about your job and economic status last year.

- 1 Enter 1 to Continue

Q29a

Did (name/you) work at a job or business at any time during 2023?

- 1 Yes
- 2 No

Q29b

Did (you/he/she) do any temporary, part-time, or seasonal work even for a few days during 2023?

* Include any Military Reserves or National Guard work.

- 1 Yes
- 2 No

Q30

Even though (name/you) did not work in 2023, did (you/he/she) spend any time trying to find a job or on layoff?

- 1 Yes
- 2 No

Q31

How many different weeks (was/were) (name/you) looking for work or on layoff from a job?

* (01-52) Number of weeks

Q32

What was the main reason (you/he/she) did not work in 2023?

* Read categories if necessary

- 1 Ill, or disabled and unable to work
- 2 Retired
- 3 Taking care of home or family
- 4 Going to school
- 5 Could not find work
- 6 Doing something else

Q33

**During 2023 in how many weeks did (name/you) work even for a few hours?
Include paid vacation and sick leave as work.**

- * (01-52) Number of weeks
 - * Enter 97 if respondent can only answer in months
-

Q33mon

* Enter number of months worked
(1-12)

Q33ver

Then (name/you) worked about (number) weeks. Is that correct?

- 1 Yes
- 2 No – back to Q33 and obtain estimate

Q35

**Did (name/you) lose any full weeks of work in 2023 because (you/he/she)
(were/was) on layoff from a job or lost a job?**

* Number of weeks worked in 2023: (number)

- 1 Yes
- 2 No
- 7 Mistake made in number of weeks worked last year - Specify in Q35SP

Q35SP

* Specify mistake made in number of weeks worked last year

Q36

**You said (name/you) worked about (number) (week/weeks).
How many OF THE REMAINING (number) WEEKS (was/were)
(you/he/she) looking for work or on layoff from a job?**

* Enter 0 for none

Q37

Were the (number) weeks (name/you) (was/were) looking for work or on layoff all in one stretch?

- 1 Yes – one stretch
- 2 No – two stretches
- 3 No – 3 or more stretches

Q38

What was the main reason (name/you) (was/were) not working or looking for work in the remaining weeks of 2023?

* Read list only if respondent is having difficulty answering the question

- | | | | |
|---|-------------------------------------|---|-------------------------|
| 1 | Ill, or disabled and unable to work | 4 | Retired |
| 2 | Taking care of home or family | 5 | No work available |
| 3 | Going to school | 6 | Other (Specify - Q38sp) |

Q38sp

* Enter verbatim response

Q39

**For how many employers did (name/you) work in 2023?
If more than one at the same time, only count it as one employer.**

- 1 One

- 2 Two
- 3 Three or more

Q41

In the (one week/weeks) that (name/you) worked, how many hours did (you/he/she) (work that week?/usually work per week?)

* Enter number of hours

Q43

During 2023, were there one or more weeks in which (name/you) worked less than 35 hours?

Exclude time off with pay because of holidays, vacation, days off, or sickness.

- 1 Yes
- 2 No

Q44

In the weeks that (name/you) worked, how many weeks did (name/you) work less than 35 hours in 2023?

* Number of weeks worked in 2023: (number)
(Number of weeks was reported in item Q33)

(1-52)

Q45

What was the main reason (name/you) worked less than 35 hours per week?

* Read list only if respondent is having difficulty answering the question

- 1 Could not find a full time job
- 2 Wanted to work part time or only able to work part time
- 3 Slack work or material shortage
- 4 Other reason

Q46

What was (name's/your) longest job during 2023?

Was it:

(IO1NAM:) (name of employer)
(IO1IND:) (kind of business or industry)
(IO1OCC:) (occupation)
(IO1DT:) (duties)

* CLASS OF WORKER: (PRIVATE/ FEDERAL GOVERNMENT/ STATE GOVERNMENT/ LOCAL GOVERNMENT/WORKING WITHOUT PAY IN FAMILY BUS./ SELF EMPLOYED--INCORPORATED/ SELF EMPLOYED--UNINCORPORATED)

- 1 Same as listed
- 2 Different job

Q47a

For whom did (name/you) work (?/at) (blank/(your/his/her) (blank/longest job during 2023?))

* Name of Company, business, organization or other employer

(blank/*IO1NAM:) (entry)

The current employer is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/* If longest job last year is military job, enter Armed Forces)

(blank/* Enter N for no work done at all during 2023)

Q47b

What kind of business or industry is this?

For example: TV and radio manufacturing, retail shoe store, farm

(blank/*IO1IND:) (entry)

The current business or industry type is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/* If longest job last year is military job, enter NA)

Q47b1

Is this business or organization mainly manufacturing, retail trade, wholesale trade,
FASCIMILE OF ASEC SUPPLEMENT QUESTIONNAIRE E-8

or something else?

(blank/ *IO1MFG:) (entry)

The current business or organization type is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/ * If longest job last year is military job, enter 4)

- 1 Manufacturing
- 2 Retail trade
- 3 Wholesale trade
- 4 Something else

Q47c

What kind of work (was/were) (you/he/she) doing?

For example: Electrical Engineer, Stock Clerk, Typist

(blank/ *IO1OCC:) (entry)

The current occupation is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/ * If longest job last year is military job, enter Armed Forces)

Q47d1

What were (your/his/her) most important activities or duties?

For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.

(blank/ *IO1DT:) (entry)

The current job description is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/ * If longest job last year is military job, enter NA)

Q47d2

What were (your/his/her) most important activities or duties?

For example: Types, keeps account books, files, sells cars, operates printing press, finishes concrete.

(blank/ *IO1DT:) (entry)

The current job description is pre-filled in the Form Pane below. Press ENTER if Same)

(blank/ * If longest job last year is military job, enter NA)

Q47E1

* Ask Only If Necessary

(Were/Was) (you/he/she) employed by government, by a PRIVATE company, a nonprofit organization, or (was/were) (you/he/she) self-employed or working in a family business?

- 1 Government
- 2 Private for profit company
- 3 Non profit organization including tax exempt and charitable organizations
- 4 Self employed
- 5 Working in family business

Q47E1a

Would that be the federal, state, or local government?

- 1 Federal
- 2 State
- 3 Local (county, city, township)

Q47E1b

Was this business incorporated?

- 1 Yes
- 2 No

Q47E1c

(Were/Was) (you/name) the owner of the business?

- 1 Yes
- 2 No

Q4788

Counting all locations where (this employer/(name/you)) (operates/operate), what is the total number of persons who work for ((name's/your) employer)/name/you)?

* Read categories if necessary

- 1 under 10

- 2 10-49
- 3 50-99
- 4 100-499
- 5 500-999
- 6 1,000+

3 EARNED INCOME

The Earnings and Income question series include range follow-up questions presented anytime a respondent doesn't know or refuses to provide an exact dollar amount for a source they (or someone in the household) indicates as having received. Follow-up questions allow respondents that do not feel comfortable giving exact dollar values to report an income range. There are three sets of categories used for the income range follow-up questions: high-range, mid-range, and low-range. The income range used in the follow-up range questions depends on the source of the income. See Attachment A to this items booklet for the three levels of income range follow-up questions. See Attachment B for a table that displays the income source and the range level used for the follow-up questions.

Q48aa

How much did (name/you) earn from this employer before taxes and other deductions during 2023?

- * Enter dollar amount
 - * Enter 0 for none
-

Q48aarn1 Ask only if the respondent "Doesn't know" or 'Refused" Q48aa

Could you tell me if (name/you) earned

**less than \$45,000
between \$45,000 and \$60,000
or over \$60,000**

for the TOTAL yearly amount from this employer before taxes and other deductions during 2023?

- 1 Less than \$45,000
- 2 Between \$45,000 and \$60,000
- 3 Over \$60,000

Q48aarn2

Did (name/you) earn

less than \$15,000
between \$15,000 and \$30,000
or over \$30,000

from this employer during 2023?

- 1 Less than \$15,000
- 2 Between \$15,000 and \$30,000
- 3 Over \$30,000

Q48aap

* Read if necessary

Is this a weekly, every other week, twice a month, monthly, or yearly amount?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q48a1

For how many (weekly/every other week/twice a month/monthly) pay periods did (name/you) earn (fill from Q48aa) from this employer in 2023?

* (1-12/1-24/1-26/1-52)

Q48aC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total annual earnings entered is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q48aV

According to my calculations (name/you) earned (total) altogether from this employer in 2023 before deductions. Does that sound about right?

- 1 Yes
- 2 No

Q48a2

What is your best estimate of (name's/your) correct total amount of earnings from this employer during 2023 before deductions?

* PREVIOUS ENTRIES: Q48aa: (amount)
 Q48aap: (periodicity)
 Q48a1: (number of pay periods)

* Enter dollar amount

Q48a3

Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from this employer in 2023?

- 1 Yes
- 2 No

Q48aad

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from this employer in 2023?

* Enter dollar amount

Q48aadrn1 Ask only if the respondent “Doesn’t know” or “Refused” Q48aad

Could you tell me if (name/you) earned

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

in tips, bonuses, overtime pay, or commissions from this employer during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

Q48aadrn2

Did (name/you) earn

less than \$100

between \$100 and \$500

or over \$500

in tips, bonuses, overtime pay, or commissions from this employer during 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q48b

What were (name's/your) net earnings from this business/farm after expenses during 2023?

- * If response is "Broke Even" then enter 1
 - * If response is "none" or if respondent does not own a business or farm, then enter "0"
 - * If response is "Lost Money" press Enter
 - * Enter dollar amount
-

Q48b char

- * Enter "L" for Lost Money
-

Q48BL

- * Enter amount of money lost in 2023
 - * Enter annual amount only
-

Q48brn1 Ask only if the respondent "Doesn't know" or "Refused" Q48b.

Could you please tell me if (name/you) earned

less than \$45,000

between \$45,000 and \$60,000

or over \$60,000

for the TOTAL yearly amount from this business/farm after expenses during 2023?

- 1 Less than \$45,000
- 2 Between \$45,000 and \$60,000

3 Over \$60,000

Q48brn2

Did (name/you) earn

less than \$15,000

between \$15,000 and \$30,000

or over \$30,000

from this business/farm after expenses during 2023?

1 Less than \$15,000

2 Between \$15,000 and \$30,000

3 Over \$30,000

Q48bp

Is this a weekly, every other week, twice a month, monthly, quarterly, or yearly amount?

1 Weekly

2 Every other week

3 Twice a month

4 Monthly

5 Quarterly

7 Yearly

Q48B1A

* Do not read to the respondent.

* The annual rate appears out of range. The total annual business loss entered is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q48B1B

* Do not read to the respondent.

* The annual rate appears out of range. The total annual business income entered is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q48b2

What is your best estimate of (name's/your) ANNUAL net earnings from this

business/farm after expenses in 2023?

* PREVIOUS ENTRIES: Q48b : (amount)
Q48bp: (periodicity)

* Enter dollar amount

Q48b2L

What is your best estimate of (name's/your) ANNUAL net LOSS from this business/farm after expenses in 2023?

* PREVIOUS ENTRIES: Q48bL: (amount)
Q48bp: (periodicity)

* Enter dollar amount

Q48b3

What were (name's/your) net earnings from this business/farm during the FIRST quarter of 2023?

* If response is "Broke Even" then enter 1
* Enter "0" for None
* If response is "Lost Money" press enter
* Enter dollar amount

Q48b3 char

* Enter "L" for Lost Money

Q48B3L

* Enter amount of money lost in the first quarter of 2023.

Q48b4

What were (name's/your) net earnings from this business/farm during the SECOND quarter of 2023?

- * If response is "Broke Even" then enter 1
 - * Enter "0" for None
 - * If response is "Lost Money" press enter
 - * Enter dollar amount
-

Q48b4 char

- * Enter "L" for Lost Money
-

Q48B4L

- * Enter amount of money lost in the second quarter of 2023.
-

Q48b5

What were (name's/your) net earnings from this business/farm during the THIRD quarter of 2023?

- * If response is "Broke Even" then enter 1
 - * Enter "0" for None
 - * If response is "Lost Money" press enter
 - * Enter dollar amount
-

Q48b5 char

- * Enter "L" for Lost Money
-

Q48B5L

- * Enter amount of money lost in the third quarter of 2023.
-

Q48b6

What were (name's/your) net earnings from this business/farm during the FOURTH quarter of 2023?

- * If response is "Broke Even" then enter 1
 - * Enter "0" for None
 - * If response is "Lost Money" press enter
 - * Enter dollar amount
-

Q48b6 char

* Enter "L" for Lost Money

Q48B6L

* Enter amount of money lost in the fourth quarter of 2023.

Q48b7

Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from this business in 2023?

- 1 Yes
- 2 No

Q48bad

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions in 2023?

* Enter dollar amount

Q48badrn1 Ask only if the respondent “Doesn’t know” or “Refused” Q48bad.

Could you tell me if (name/you) earned

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

in tips, bonuses, overtime pay, or commissions from this business during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

Q48badrn2

Did (name/you) earn

less than \$100

**between \$100 and \$500
or over \$500**

in tips, bonuses, overtime pay, or commissions during 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q49a

Did (name/you) earn money from any other work (you/he/she) did during 2023?

- 1 Yes
- 2 No

Q49b1d

How much did (name/you) earn from all other employers before taxes and other deductions during 2023?

- * Enter dollar amount
 - * Enter "0" for None
-

Q49b1drn1 Ask only if the respondent "Doesn't know" or "Refused" Q48b1d.

Could you please tell me if (name/you) earned

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

from all other employers before taxes and other deductions during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q49b1drn2

Did (name/you) earn

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

from all other employers before taxes and other deductions during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q49b1p

* Read if necessary

Is this a weekly, every other week, twice a month, monthly, or yearly amount?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q49B11

For how many (weekly/every other week/twice a month/monthly) pay periods did (name/you) earn (fill from Q49b1d) from all other employers in 2023?

* (1-12/1-24/1-26/1-52)

Q49B1C

- * Do not read to the respondent.
- * The total annual earnings entered from all other employers is (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q49B1V

According to my calculations (name/you) earned (total) altogether from all other employers in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q49B12

What is your best estimate of (name's/your) correct total amount of earnings from all other employers during 2023?

* **PREVIOUS ENTRIES:** Q49b1d: (amount)
 Q49b1p: (periodicity)
 Q49b11: (number of pay periods)

* **Enter dollar amount**

Q49b13

Does this amount include all tips, bonuses, overtime pay, or commissions (name/you) may have received from all other employers in 2023?

- 1 Yes
- 2 No

Q49B1A

How much did (name/you) earn in tips, bonuses, overtime pay, or commissions from all other employers in 2023?

* **Enter dollar amount**

Q49B1ARN1 **Ask only if the respondent “Doesn’t know” or “Refused” Q49B1A.**

Could you tell me if (name/you) earned

less than \$1,000
between \$1,000 and \$3,000
or over \$3,000

in tips, bonuses, overtime pay, or commissions from all other employers in 2023?

- 1 Less than \$1,000 (proceed to **Q49B1ARN2**)
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

Q49B1ARN2

Did (name/you) earn

less than \$100

**between \$100 and \$500
or over \$500**

in tips, bonuses, overtime pay, or commissions from all other employers in 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q49b2

How much did (name/you) earn from (blank/any other businesses of) (your/his/her) (own/own business) after expenses?

- * If response is "Broke Even" then enter 1
 - * Enter "0" for None
 - * If response is "Lost Money" press enter
 - * Enter annual amount only
-

Q49b2rn1 Ask only if the respondent “Doesn’t know” or “Refused” Q49b2

Could you tell me if (name/you) earned

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

from (blank/any other businesses of) (your/his/her) (own/own business) after expenses?

- 1 Less than \$10,000 (proceed to **Q49b2rn2**)
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q49b2rn2

Could you tell me if (name/you) earned

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

from (blank/any other businesses of) (your/his/her) (own/own business) after expenses?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q49b2 char

- * Enter "L" for Lost Money
-

Q49b3

- * Enter annual amount lost only
-

Q49b4

How much did (name/you) earn from (your/his/her) farm after expenses?

- * If response is "Broke Even" then enter 1
 - * Enter "0" for None
 - * If response is "Lost money" press enter
 - * Enter annual amount only
-

Q49b4rn1 Ask only if the respondent “Doesn’t know” or “Refused” Q49b4.

Could you tell me if (name/you) earned

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

from (your/his/her) farm after expenses?

- 1 Less than \$10,000 (proceed to **Q49b4rn2**)
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q49b4rn2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

from (your/his/her) farm after expenses?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q49b4 char

* Enter "L" for Lost Money

Q49b5

* Enter annual amount lost only

4 INCOME SOURCES

In the ASEC income section, the order of the questions changes based on the household composition (Low-income, Householder or Spouse Aged 62 or Older, or Default); see chart on the following page. All low-income transfer program questions are asked in each interview regardless of household family income.

Default		Low Income		Householder or Spouse 62 Years +	
Earnings- Person Level		Earnings- Person Level		Earnings- Person Level	
1	Unemployment/Workers Compensation	1	Unemployment/Workers Compensation	1	Unemployment/Workers Compensation
2	Social Security/SS for Children	7	Public Assistance / TANF	2	Social Security/SS for Children
3	Supplemental Security Income (SSI)/SSI Children	8	Food Stamps (SNAP)	3	Supplemental Security Income (SSI)/SSI Children
4	Disability	2	Social Security/SS for Children	4	Disability
5	Veterans	3	Supplemental Security Income (SSI)/SSI Children	5	Veterans
6	Survivor Benefits	4	Disability	6	Survivor Benefits
7	Public Assistance / TANF	5	Veterans	9	Pensions
8	Food Stamps (SNAP)	6	Survivor Benefits	10	Annuities
9	Pensions	9	Pensions	11	Retirement Accounts (within) –Withdrawals or distributions
10	Annuities	10	Annuities	12	Other Income Earning Assets (outside of retirement)
11	Retirement Accounts (within) – Withdrawals or distributions	11	Retirement Accounts (within) – Withdrawals or distributions	13	Property Income
12	Other Income Earning Assets (outside of retirement)	12	Other Income Earning Assets (outside of retirement)	7	Public Assistance / TANF
13	Property Income	13	Property Income	8	Food Stamps (SNAP)
14	Education Assistance	14	Education Assistance	14	Education Assistance
15	Child Support	15	Child Support	15	Child Support
16	Financial Assistance from friends or relatives	16	Financial Assistance from friends or relatives	16	Financial Assistance from friends or relatives
17	Other Income	17	Other Income	17	Other Income
*	Health Insurance				
18	Employers Pension Plan				
19	School Lunches- no amount collection				
20	Public Housing- no amount collection				
21	WIC- no amount collection				

4.1 UNEMPLOYMENT AND WORKERS COMPENSATION (Source)

Q51A1

At any time during 2023 did (you/anyone in the household) receive any State or Federal unemployment compensation?

- * Do NOT include federal stimulus payments due to the Coronavirus pandemic.

1 Yes

2 No

Q51A1b

- * Read only if necessary

Who received State or Federal unemployment compensation?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q51A2

At any time during 2023 did (you/anyone in the household) receive any Supplemental Unemployment Benefits (SUB)?

- * Do NOT include federal stimulus payments due to the Coronavirus pandemic.

1 Yes

2 No

Q51A2b

- * Read only if necessary

Who received Supplemental Unemployment Benefits?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q51A3

At any time during 2023 did (you/anyone in the household) receive any Union Unemployment or Strike Benefits?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

- 1 Yes
- 2 No

Q51A3b

* Read only if necessary

Who received Union Unemployment or Strike Benefits?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q52A

During 2023 did (you/anyone in the household) receive any Worker's Compensation payments or other payments as a result of a job related injury or illness?

- * Exclude sick pay and/or disability retirement.
- * Do NOT include federal stimulus payments due to the Coronavirus pandemic.

- 1 Yes
- 2 No

Q52Ab

* Read only if necessary

Who received Worker's Compensation or payments as a result of a job related injury or illness?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?
- * Exclude those who received sick pay and/or disability retirement.

Q52b

What was the source of (your/name's) payments?

- 1 State Worker's Compensation

- 2 Employer or employer's insurance worker's compensation
- 3 Own insurance worker's compensation
- 4 Other

Q52Cs1

- * Specify other source from workers compensation/insurance
 - * Enter "Worker's Compensation" if the answer is "Don't Know"
-

4.2 SOCIAL SECURITY (Source)

Q56a

During 2023 did (you/ anyone in this household) receive any Social Security payments from the U.S. Government?

- 1 Yes
- 2 No

Q56b

- * Read only if necessary

Who received Social Security payments either for themselves or as combined payments with other family members?

- * Enter Line Number Of Parent Or Guardian For Payments Made To Children Under Age 15
- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone else?

SSR

What were the reasons (name/you) (was/were) getting Social Security in 2023?

- * Mark all that apply, separate using the space bar or a comma.
- * Probe: Any Other Reason?

- 1 Retired
- 2 Disabled
- 3 Widowed

- 4 Spouse
- 5 Surviving child
- 6 Dependent child
- 7 On behalf of surviving, dependent, or disabled children
- 8 Other

SSRs

* Specify other reason

SSC

Which children under age 19 were receiving Social Security in 2023?

- * Probe: Anyone Else?
- * Enter all that apply, separate by commas.
- ♦ Enter 96 for All People ♦ Enter 0 for None

SSCR

What were the reasons (Child's name/the children) (was/were) getting Social Security in 2023?

* Enter all that apply, separate using the space bar or a comma.

* Probe: Any Other Reason?

- 1 Disabled child/children
- 2 Surviving child/children
- 3 Dependent child/children
- 4 Other

SSDIa1

Did (name/you) receive (your/his/her) first Social Security Disability payment in 2023?

- 1 Yes
- 2 No

4.3 SOCIAL SECURITY FOR CHILDREN (Source)

Q56f

Did anyone in this household receive any Social Security income in 2023 that we

have not already counted on behalf of children in this household?

* Includes all children under 19 years of age

- 1 Yes
- 2 No

Q56g

* Read only if necessary

Who received these Social Security payments?

- * Enter line number of parent or guardian
- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

CSS

Which children under age 19 were receiving Social Security in 2023?

- * Probe: Anyone Else?
- * Enter all that apply, separate using the space bar or a comma.
- * Enter 0 if none listed
- * Enter 96 for all persons

CRSS

What were the reasons (Child's name/the children) (was/were) getting Social Security in 2023?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Any Other Reason?

- 1 Disabled child/children
- 2 Surviving child/children
- 3 Dependent child/children
- 4 Other

4.4 SUPPLEMENTAL SECURITY INCOME (SSI) (Source)

Q57a

**During 2023 did (you/ anyone in this household) receive:
any SSI payments, that is, Supplemental Security Income?**

* Note: SSI are assistance payments to low-income aged, blind and disabled persons, and come from state or local welfare offices, the Federal government, or both.

- 1 Yes
- 2 No

Q57b

* Read only if necessary

Who received SSI?

- * Supplemental Security Income
- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

SSIR

What were the reasons (name/you) (was/were) getting Supplemental Security Income in 2023?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Any Other Reason?

- 1 Disabled
- 2 Blind
- 3 On behalf of a disabled child
- 4 On behalf of a blind child
- 5 Other _____

***4.5 SUPPLEMENTAL SECURITY INCOME FOR CHILDREN (SSI)
(Source)***

Q57d

Did anyone in this household receive any Supplemental Security Income in 2023 that we have not already counted on behalf of children in this household?

- * Includes all children under 18 years of age
- * SSI previously reported will appear here

LN Name Amount for Q57C amount

- 1 Yes

2 No

Q57e

* Read only if necessary

Who received these Supplemental Security Income payments?

- * Enter line number of parent or guardian
- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

RSSI

What were the reasons (name/you) (was/were) getting Supplemental Security Income on behalf of children in 2023?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Any Other Reason?

- 1 On behalf of a disabled child/children
- 2 On behalf of a blind child/children
- 3 Other _____

CSSI

Which children under age 18 were receiving Supplemental Security Income in 2023?

- * Probe: Anyone Else?
- * Enter all that apply, separate using the space bar or a comma.
- * Enter 0 if none listed
- * Enter 96 for all persons

4.6 DISABILITY INCOME (Source)

Q59AR

At any time in 2023 (did you/did anyone in the household) have a disability or health problem which prevented (you/them) from working, even for a short time, or which limited the work (you/they) could do?

- 1 Yes
- 2 No

Q59b

- * Read only if necessary

Who is that?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q60a

(Did you/Is there anyone in this household who) ever (retire or leave/ retired or left) a job for health reasons?

- 1 Yes
- 2 No

Q60b

- * Read only if necessary

Who is that?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q61b

Did (you/name) receive any income in 2023 as a result of (your/his/her) health problem (other than Social Security Disability/other than VA benefits/ other than Social Security Disability or VA Benefits)?

- (* If amount was reported previously as compensation from a job related injury or illness, then enter <2>. Amount previously reported in Q52CT was (amount).)
- * Do not include Veterans' payments.

- 1 Yes
- 2 No

Q61C

What was the source of this income?

- * Asking About: (name) (blank/- -CURRENT RESPONDENT)
- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Any other income related to this health condition or disability?

- 2 Worker's compensation
- 3 Company or union disability

- 4 Federal Government (CIVIL SERVICE) disability
- 5 U.S. Military retirement disability
- 6 State or Local government employee disability
- 7 U.S. Railroad retirement disability
- 8 Accident or disability insurance
- 9 Black Lung miner's disability
- 10 State temporary sickness
- 11 Other or don't know – Specify – Enter last

Q61Cs1

- * Specify other source from health problem or disability
 - * Enter "Other Health Problem/Disability" if the answer is "Don't Know"
-

4.7 VETERANS PAYMENTS (Source)

Q60A88

**At any time during 2023 did (you/anyone in this household) receive:
Any Veterans' (VA) payments?**

- * Include assistance received by children of veterans

- 1 Yes
- 2 No

Q60b 88

- * Read only if necessary

**Who received Veterans' (VA) payments either for themselves or as combined
payments with other family members?**

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q60C8

What type of Veterans' payment did (name/you) receive?

- * Read list only if respondent is having difficulty answering the question.

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Any Other Payments?

- 1 Service-connected disability compensation
- 2 Survivor Benefits
- 3 Veterans' Pension
- 4 Educational assistance (including assistance received by children of veterans)
- 5 Other Veterans' payments _____

Q60D88

(Are/Is) (name/you) required to fill out an annual income questionnaire for the Department of Veterans' Affairs?

- 1 Yes
- 2 No

4.8 SURVIVOR BENEFITS (Source)

Q58a

Did (you/ anyone in this household) receive any survivor benefits in 2023 such as widow's pensions, estates, trusts, insurance annuities, or any other survivor benefits (other than Social Security/ other than VA benefits/ other than Social Security or VA benefits)?

- 1 Yes
- 2 No

Q58b

- * Read only if necessary

Who received this income?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q58C

What was the source of this income?

- * Asking About: (name/name- -CURRENT RESPONDENT)
- * Read list if respondent is having difficulty answering the question
- * Enter all that apply, separate using the space bar or a comma.

* Probe: Any Other Source?

- 2 Company or union survivor pension (INCLUDE PROFIT SHARING)
- 3 Federal Government survivor (CIVIL SERVICE) pension
- 4 U.S. Military retirement survivor pension
- 5 State or Local government survivor pension
- 6 U.S. Railroad retirement survivor pension
- 7 Worker's compensation survivor pension
- 8 Black Lung survivor pension
- 9 Regular payments from estates or trusts
- 10 Regular payments from annuities or paid-up insurance policies
- 11 Other or don't know (SPECIFY) - ENTER LAST

Q58Cs1

- * Specify other source of income as survivor or widow
 - * Enter "Survivor Benefits" if the answer is "Don't Know"
-

4.9 PUBLIC ASSISTANCE (Source)

Q59A88

At any time during 2023, even for one month, did (you/ anyone in this household) receive any CASH assistance from a state or county welfare program such as (State Program Name)?

- * Do NOT include federal stimulus payments due to the Coronavirus pandemic.

Include cash from:

Welfare or welfare to work
TANF
AFDC/Aid to Families
General Assistance
Diversion payments
Refugee Cash
Gen Assist Indian Affairs

Don't include:

Food stamps (SNAP)
SSI
Energy assistance
WIC
School meals
Childcare
Education Assistance

- 1 Yes
- 2 No

Q59A89

Just to be sure, in 2023, did anyone receive CASH assistance from a state or county welfare program, on behalf of CHILDREN in the household?

- * Do NOT include federal stimulus payments due to the Coronavirus pandemic.

- 1 Yes
- 2 No

Q59b 88

Who received this CASH assistance?

- * Enter line number
- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q59C8r

From what type of program did (name/you) receive the CASH assistance? Was it a welfare or welfare to-work program such as (STATE PROGRAM NAME), General Assistance, Emergency Assistance, Diversion payments or some other program?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Any Other Program?
- * If respondent mentions any of the following categories:
 - Food Stamps
 - SSI
 - Energy Assistance
 - School Meals
 - Transportation
 - Child Care
 - Rental
 - Educational Assistance

Note this, but explain: “Right now we are interested in CASH assistance”. Seek answers using the accepted categories

- * Do NOT include federal stimulus payments due to the Coronavirus pandemic.

- 1 (State Program Name)/Temporary Assistance to Needy Families (TANF)/welfare/AFDC
- 2 General Assistance
- 3 Emergency Assistance/short-term cash assistance
- 4 Diversion Payments
- 5 Refugee Cash and Medical Assistance program
- 6 General Assistance from Bureau of Indian Affairs, or Tribal Administered General Assistance
- 7 Some other program (specify)

Q59C8s

What was the name of the other program?

- * Specify other source of cash assistance
 - * Enter "Cash" if the answer is "Don't Know"
-

4.10 FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP) (Source)

Q87r

At any time during 2023, did (you/ anyone in this household) receive benefits from SNAP (the Supplemental Nutritional Assistance Program) or the Food Stamp program, or use a SNAP or food stamp benefit card?

- * Do not include WIC benefits.

- 1 Yes
- 2 No

Q87ar

At any time during 2023, even for one month, did (you/ anyone in this household) receive any food assistance from (State Program name)?

- * Do not include WIC benefits.
- * Include SNAP (Supplemental Nutrition Assistance Program)

- 1 Yes
- 2 No

Q88

Which of the people now living here were covered by that food assistance during 2023?

- * List all household members covered by food assistance regardless of age
- * Enter all that apply, separate using the space bar or a comma.
- * Enter 96 for All
- * Enter 0 for None
- * Probe: Anyone else?

4.11 PENSIONS (Source)

Q62Ar

During 2023 did (you/ anyone in this household) receive any pension income from a previous employer or union, (other than Social Security/ other VA benefits/ other than Social Security or VA benefits)?

*** PLEASE DO NOT INCLUDE DISTRIBUTIONS OR WITHDRAWALS FROM IRAs, 401(k)s, OR SIMILAR ACCOUNTS!**

- 1 Yes
- 2 No

Q62b

*** Read only if necessary**

Who received pension income?

- * Enter all that apply, separate using the space bar or a comma.**
- * Probe: Anyone Else?**

Enter person's line number (1-16)

Q62Cr

What was the source of (your/ NAME's) pension income? Did (you/he/she) have a pension from a:

- * READ EACH CATEGORY.**
- * Enter all that apply, separate using the space bar or a comma.**

- 1 Company
- 2 Union
- 3 Federal Government
- 4 State Government
- 5 Local Government
- 6 U.S. Military
- 7 Some other source

Q62DR

What was the source of (name's/your) other pension income?

Enter all that apply

Probe as needed: Who received this source?

Probe: Any Other pension income?

- 1 U.S. Railroad Retirement pension
- 2 Other source (specify) or “don’t know”

Q62Cs1

- * Specify other source of pension income
- * Enter "Other Pension" if the answer is "Don't Know"

4.12 ANNUITIES (Source)

Q96Ar

During 2023 did (you/ anyone in this household) receive any income from an annuity?

- 1 Yes
- 2 No

Q96Br

- * Read only if necessary

Who received annuity income?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

4.13 RETIREMENT ACCOUNTS (Source)

Q97Ar

At any time during 2023 did (you/ anyone in this household) have any retirement accounts such as a 401(k), 403(b), IRA, or other account designed specifically for retirement savings?

- 1 Yes
- 2 No

Q97Br

- * Read only if necessary

Who had such a retirement account?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q97Cr

What type of retirement account did (you/ NAME) have? Did (you/he/she) have...

* **READ EACH CATEGORY**

- * Enter all that apply, separate using the space bar or a comma.

- | | |
|----------------|---|
| 1. 401(k) | 5. KEOGH plan ("KEE-OH") |
| 2. 403(b) | 6. SEP plan (Simplified Employee Pension) |
| 3. Roth IRA | 7. another type of retirement account |
| 4. Regular IRA | |

Q97Dr

What was the source of (name's/your) retirement income?

- * Enter other source of retirement income
- * Enter "Other Retirement" if the answer is "Don't Know"

Q98Ar(1-7)

Did (you/NAME) withdraw any money or receive a distribution from (your/his/her) [ACCOUNT TYPE_ FILL IN FROM Q97CR or Q97DR] in 2023 (, including any distributions (you/he/she) may have been required to take)?

- 1 Yes
- 2 No

***4.14 INCOME-EARNING ACCOUNTS OUTSIDE OF RETIREMENT
(Source)***

Q99ARa

Now I will ask about assets that may have paid interest or dividends in 2023 outside of the retirement accounts.

At any time during 2023, did (you/anyone in this household):

Have money in an interest-earning checking account?

- 1 Yes
- 2 No

Q99Ba

- ✦ Ask only if necessary

Which members of this household ages 15 and over had an interest-earning checking account?

- ✦ Include each person in cases of joint accounts or ownership
- ✦ Enter all that apply, separate using the space bar or a comma
- ✦ Probe: Anyone else?

Q99ARb

At any time during 2023, did (you/anyone in this household):

Have money in a savings account?

- 1 Yes
- 2 No

Q99Bb

- ✦ Ask only if necessary

Which members of this household ages 15 and over had savings accounts?

- ✦ Include each person in cases of joint accounts or ownership
- ✦ Enter all that apply, separate using the space bar or a comma
- ✦ Probe: Anyone else?

Q99ARc

At any time during 2023, did (you/anyone in this household):

Have money in a money market fund?

- 1 Yes
- 2 No

Q99Bc

- * Ask only if necessary

Which members of this household ages 15 and over had a money market fund?

- * Include each person in cases of joint accounts or ownership
- * Enter all that apply, separate using the space bar or a comma
- * Probe: Anyone else?

Q99ARd

At any time during 2023, did (you/anyone in this household):

Have money in CDs (certificates of deposit)?

- 1 Yes
- 2 No

Q99Bd

- * Ask only if necessary

Which members of this household ages 15 and over had CDs (certificates of deposit)?

- * Include each person in cases of joint accounts or ownership
- * Enter all that apply, separate using the space bar or a comma
- * Probe: Anyone else?

Q99ARe

At any time during 2023, did (you/anyone in this household):

Have money in savings bonds?

- 1 Yes
- 2 No

Q99Be

- * Ask only if necessary

Which members of this household ages 15 and over had savings bonds?

- * Include each person in cases of joint accounts or ownership

- * Enter all that apply, separate using the space bar or a comma
- * Probe: Anyone else?

Q99ARf

At any time during 2023, did (you/anyone in this household):

Have money in shares of stock in corporations or mutual funds?

- 1 Yes
- 2 No

Q99Bf

- * Ask only if necessary

Which members of this household ages 15 and over had shares of stock in corporations or mutual funds?

- * Include each person in cases of joint accounts or ownership
- * Enter all that apply, separate using the space bar or a comma
- * Probe: Anyone else?

Q99ARg

At any time during 2023, did (you/anyone in this household):

Have money in any other savings or investments that pay interest or dividends?

- 1 Yes
- 2 No

Q99Bg

- * Ask only if necessary

Which members of this household ages 15 and over had any other savings or investments that paid interest or dividends?

- * Include each person in cases of joint accounts or ownership
- * Enter all that apply, separate using the space bar or a comma
- * Probe: Anyone else?

CAPGDIS

Did (you/NAME) receive any capital gains from (your/his/her) shares of stocks or mutual funds in 2023?

- 1 Yes
- 2 No

Q99BR

What was the source of (name's/your) savings or investments that pay interest or dividends?

✦ Enter other source of interest or dividend income

4.15 PROPERTY INCOME (Source)

Q65A1

During 2023 did (you/ anyone in this household):

Own any land, business property, apartments, or houses which were rented to others?

- 1 Yes
- 2 No

Q65A2

**At any time during 2023 did (you/ anyone in this household):
Receive income from royalties or from roomers or boarders?
(exclude amounts paid by relatives)**

- 1 Yes
- 2 No

Q65A3

At any time during 2023 did (you/ anyone in this household):

**Receive income from estates or trusts?
(exclude estates or trusts already reported)**

- 1 Yes
- 2 No

Q65b

- * Ask only if necessary

Who received this (income/rent) ?

- * (Amount previously reported in Q48b was (amount))
- * Include each in cases of joint ownership. For self-employed persons, determine if income was already included
- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

4.16 EDUCATION ASSISTANCE (Source)

Q66a

During 2023 did (you/anyone in this household) attend school beyond the high school level including a college, university, or other schools?
(include vocational, business, or trade schools)

- 1 Yes
- 2 No

Q66b

Did (you/ anyone in this household) receive any educational assistance for tuition, fees, books, or living expenses during 2023?

- * Exclude loans, assistance from household members, and VA educational benefits

- 1 Yes
- 2 No

Q66c

- * Ask only if necessary

Which member received assistance?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q66d

What type of assistance did (name/you) receive?

- * Exclude assistance from household members

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Any other assistance?

- 2 Pell Grant
- 3 Assistance from a welfare or social service office
- 4 Some other government assistance
- 5 Scholarships, grants, etc.
- 6 Other assistance (employers, friends, etc.)

4.17 CHILD SUPPORT (Source)

Q70a

**During 2023 did (you/anyone in this household) receive:
Any child support payments?**

- 1 Yes
- 2 No

Q70b

- * Read only if necessary

Who received these payments?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

4.18 REGULAR FINANCIAL ASSISTANCE (Source)

Q72a

(Any other/Any) regular financial assistance from friends or relatives not living in this household?

- * Do not include loans

- 1 Yes
- 2 No

Q72b

- * Read only if necessary

Who received this assistance?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

4.19 OTHER MONEY INCOME (Source)

Q73A1R

During 2023 did (you/ anyone in this household) receive cash income not already covered such as income from:

foster child care, alimony, jury duty, armed forces reserves, severance pay, hobbies, or any other source?

- * Do NOT include federal stimulus payments due to the Coronavirus pandemic.

- 1 Yes
- 2 No

Q73A1b

- * Ask only if necessary

Who received this income?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone Else?

Q73A1Rc1

What was the source of this income?

- * Asking about: (name/you – Current respondent)
- * Do not read answer list to respondent

- 1 Alaska Permanent Fund Dividend
- 2 Other sources or don't know – Specify

Q73A1Rc

- * Specify other source of income
- * Asking about: (name/you – Current respondent)

5 INCOME AMOUNTS

AMTINTRO

Now I will ask you about the amount of income you (and others in this household) received from various sources in 2023.

5.1 UNEMPLOYMENT AND WORKER'S COMPENSATION (Amounts)

Q51A1p

What is the easiest way for you to tell us (name's/your) State or Federal unemployment compensation; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week (bi-weekly)
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q51A11

How much did (name/you) receive (weekly/every other week/ twice a month/monthly) in State or Federal unemployment compensation during 2023?

*** Do NOT include federal stimulus payments due to the Coronavirus pandemic.**

Enter dollar amount

Q51A11r1

Could you please tell me if (name/you) received:

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

in State or Federal unemployment compensation during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q51A11r2

Did (name/you) receive:

less than \$1,000
between \$1,000 and \$5,000
or over \$5,000

in State or Federal unemployment compensation during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q51A1C

Do not read to the respondent.

The annual rate appears out of range. The total State or Federal unemployment compensation received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q51A12

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive from State or Federal unemployment compensation during 2023?

(1-12/1-24/1-26/1-52)

Q51A13

According to my calculations (name/you) received (total) altogether from State or Federal unemployment compensation during 2023. Does that sound about right?

- 1 Yes
- 2 No

Q51A14

What is your best estimate of the correct total amount (name/you) received from State or Federal unemployment compensation during 2023?

PREVIOUS ENTRIES: Q51A11: (amount)
Q51A1p: (periodicity)
Q51A12: (number of pay periods)
Enter dollar amount

Q51A2p

What is the easiest way for you to tell us (name's/your) Supplemental Unemployment Benefits; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week (bi-weekly)
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q51A21

How much did (name/you) receive (weekly/every other week/twice a month/monthly) in Supplemental Unemployment Benefits during 2023?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

Enter dollar amount

Q51A21r1

Could you please tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

in Supplemental Unemployment Benefits during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q51A21r2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in Supplemental Unemployment Benefits during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q51A2C

Do not read to the respondent.

The annual rate appears out of range. The total Supplemental Unemployment Benefits received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q51A22

How many (weekly/every other week/twice a month/ monthly) payments did (name/you) receive from Supplemental Unemployment Benefits during 2023?

(1-12/1-24/1-26/1-52)

Q51A23

According to my calculations (name/you) received (total) altogether from Supplemental Unemployment Benefits during 2023. Does that sound about right?

- 1 Yes
- 2 No

Q51A24

What is your best estimate of the correct total amount (name/you) received from Supplemental Unemployment Benefits during 2023?

PREVIOUS ENTRIES: Q51A21: (amount)

Q51A2p: (periodicity)

Q51A22: (number of pay periods)

Enter dollar amount

Q51A3p

What is the easiest way for you to tell us (name's/your) Union Unemployment or Strike Benefits; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week (bi-weekly)

- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q51A31

How much did (name/you) receive (weekly/every other week/ twice a month/monthly) in Union Unemployment or Strike Benefits during 2023?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

Enter dollar amount

Q51A31r1

Could you please tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

in Union Unemployment or Strike Benefits during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q51A31r2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in Union Unemployment or Strike Benefits during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

C251A3

Do not read to the respondent.

The annual rate appears out of range. The total Union Unemployment or Strike Benefits

received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q51A32

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive from Union Unemployment or Strike Benefits during 2023?

(1-12/1-24/1-26/1-52)

Q51A33

According to my calculations (name/you) received (total) altogether from Union Unemployment or Strike Benefits during 2023. Does that sound about right?

- 1 Yes
- 2 No

Q51A34

What is your best estimate of the correct total amount (name/you) received from Union Unemployment or Strike Benefits during 2023?

PREVIOUS ENTRIES: Q51A31: (amount)
Q51A3p: (periodicity)
Q51A32: (number of pay periods)

Enter dollar amount

Q52cp

What is the easiest way for you to tell us (your/name's) Worker's Compensation: weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q52c1

How much did (name/you) receive (weekly/every other week/twice a month/monthly) in Worker's Compensation during 2023?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

Enter dollar amount

Q52cr1

Could you please tell me if (name/you) received

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

in Worker's Compensation during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q52cr2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in Worker's Compensation during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q52cC2

Do not read to the respondent.

The annual rate appears out of range. The total worker's compensation received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q52c2

How many (weekly/every other week/twice a month/monthly) payments did

(name/you) receive from Worker's Compensation during 2023?

(1-12/1-24/1-26/1-52)

Q52c3

Then (name/you) received (total) altogether from Worker's Compensation during 2023. Does that sound about right?

- 1 Yes
- 2 No

Q52c4

What is your best estimate of the correct total amount (name/you) received from Worker's Compensation during 2023?

PREVIOUS ENTRIES: Q52c1: (amount)
Q52cp: (periodicity)
Q52c2: (number of pay periods)

Enter dollar amount

5.2 SOCIAL SECURITY (*Amounts*)

Q56dp

What is the easiest way for you to tell us (name's/your) Social Security payment; monthly, quarterly, or yearly?

- 4 Monthly
- 5 Quarterly
- 7 Yearly

Q56d

How much did (name/you) receive (monthly/quarterly) in Social Security payments in 2023?

◆ Enter dollar amount

◆ (If already included in amount reported for another household member, press Enter)

Q56d Char

Enter <A> for Already included

Q56drn1

Could you please tell me if (name/you) received

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

for the TOTAL amount (you/name) received in Social Security payments in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q56drn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in Social Security payments in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q56d2

For how many (months/quarters) did (name/you) receive Social Security in 2023?

(1-4; 1-12)

Q56d3

Is this \$(amount from Q56d/amount from Q56d1) before or after any monthly Medicare deduction?

- 1 After Deduction

2 Before Deduction

Q56md

If Q56d3 = 1 then ask:

How much were (name's/your) monthly Medicare deductions?

If Q56d3 = 2 then ask:

How much were (name's/your) monthly payments for Medicare?

Include Medicare Advantage, Part B, and Part D premiums.

Q56dC2

Do not read to the respondent.

The annual rate appears out of range. The total Social Security received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q56d5

According to my calculations (name/you) received \$(total) altogether from Social Security in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q56d6

What is your best estimate of the correct amount (name/you) received in Social Security during 2023?

PREVIOUS ENTRIES: Q56d: (amount)
 Q56dp: (periodicity)
 Q56d2: (number of pay periods)

Enter dollar amount

5.3 SOCIAL SECURITY DISABILITY (Amounts)

Q562dp

What is the easiest way for you to tell us (name's/your) Social Security Disability payment; monthly, quarterly, or yearly?

- 4 Monthly
- 5 Quarterly
- 7 Yearly

Q562d

How much did (name/you) receive (monthly/quarterly) in Social Security Disability payments in 2023?

Enter dollar amount

(If already included in amount reported for another household member, press Enter)

Q562d Char

Enter <A> for Already included

Q562d2

For how many (months/quarters) did (name/you) receive Social Security Disability in 2023?

(1-4; 1-12)

Q562drn1

Could you tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

in Social Security Disability payments in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q562drn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in Social Security Disability payments in 2023?

4 Less than \$1,000

5 Between \$1,000 and \$5,000

6 Over \$5,000

Q562d3

Is this \$(amount from Q562d) before or after any monthly Medicare deductions?

1 After Deduction

2 Before Deduction

Q562md

If Q562d3 = 1 then ask:

How much were all of (name's/your) monthly Medicare deductions?

If Q562d3 = 2 then ask:

How much were (name's/your) monthly payments for Medicare?

Include Medicare Advantage, Part B, and part D premiums.

Q562dC2

Do not read to the respondent.

The annual rate appears out of range. The total Social Security received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

BACKPAY1

During 2023, did (name/you) receive an initial Social Security Disability payment that was larger than the usual payment that we haven't accounted for yet?

Sometimes the initial payment from Social Security Disability is larger than the usual monthly payments to make up for the delay in receiving the first payment.

1 Yes

2 No

BACKPAY2

How much was that initial disability payment?

Q562d5

According to my calculations (name/you) received \$(total) altogether from Social Security Disability in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q562d6

What is your best estimate of the correct amount (name/you) received in Social Security Disability during 2023?

PREVIOUS ENTRIES: Q562d: (amount)
 Q562dp: (periodicity)
 Q562d2: (number of pay periods)
 BACKPAY2: (amount)

Enter dollar amount

5.4 SOCIAL SECURITY FOR CHILDREN (Amounts)

Q56ip

What is the easiest way for you to tell us (name's/your) Social Security payment for children in this household; monthly, quarterly, or yearly?

- 4 Monthly
- 5 Quarterly
- 7 Yearly

Q56i

How much did (name/you) receive (monthly/quarterly) in Social Security payments for children in this household in 2023?

* Enter dollar amount

(If already included in amount reported for another household member, press Enter)

Q56i Char

* Enter A for Already included

Q56irn1

Could you please tell me if (name/you) received

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

for the TOTAL amount (name/you) received in Social Security payments for children in this household in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q56irn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in Social Security payments for children in this household in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q56i2

For how many (months/quarters) did (name/you) receive Social Security in 2023?

* (1-4; 1-12)

Q56iC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total Social Security received for children in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q56i4

According to my calculations (name/you) received \$(total) altogether for children in this household from Social Security in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q56i5

What is your best estimate of the correct amount (name/you) received in Social Security for children in this household during 2023?

- * Previous entries: (amount)
Q56ip: (periodicity)
Q56i2: (number of pay periods)

* Enter dollar amount

5.5 SUPPLEMENTAL SECURITY INCOME (SSI) (Amounts)

Q57cp

What is the easiest way for you to tell us (name's/your) Supplemental Security Income payment; monthly, quarterly, or yearly?

- 4 Monthly
- 5 Quarterly
- 7 Yearly

Q57c

How much did (name/you) receive (monthly/quarterly) in Supplemental Security Income payments in 2023?

* Enter dollar amount

Q57crn1

Could you please tell me if (name/you) received

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

for the TOTAL amount (name/you) received in Supplemental Security Income payments in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q57crn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in Supplemental Security Income payments in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q57c2

For how many (months/quarters) did (name/you) receive Supplemental Security Income in 2023?

* (1-4; 1-12)

Q57cC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total Supplemental Security Income received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q57c4

According to my calculations (name/you) received \$(total) altogether from Supplemental Security Income in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q57c5

What is your best estimate of the correct amount (name/you) received in Supplemental Security Income during 2023?

- * Previous entries: (amount)
Q57cp: (periodicity)
Q57c2: (number of pay periods)
 - * Enter Dollar Amount
-

5.6 SUPPLEMENTAL SECURITY INCOME FOR CHILDREN (*Amounts*)

Q57ip

What is the easiest way for you to tell us the Supplemental Security Income (name/you) received on behalf of children?

- 4 Monthly
- 5 Quarterly
- 7 Yearly

Q57i

How much did (name/you) receive (monthly/quarterly) in Supplemental Security Income on behalf of children in 2023?

- * Enter dollar amount
-

Q57irn1

Could you please tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

for the TOTAL amount (name/you) received in Supplemental Security Income payments in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q57irn2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in Supplemental Security Income in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q57i2

For how many (months/quarters) did (name/you) receive Supplemental Security Income on behalf of children in 2023?

* (1-4; 1-12)

Q57iC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total Supplemental Security Income received on behalf of children in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q57i4

**According to my calculations (name/you) received \$(total) altogether from Supplemental Security Income on behalf of children in 2023.
Does that sound about right?**

- 1 Yes
- 2 No

Q57i5

What is your best estimate of the correct amount (name/you) received in Supplemental Security Income on behalf of children during 2023?

* **PREVIOUS ENTRIES:** (amount)

Q57ip: (periodicity)

Q57i2: (number of pay periods)

* Enter dollar amount

5.7 DISABILITY INCOME (Amounts)

Q61E1P

What is the easiest way for you to tell us (name's/your) (fill first answer from Q61C or Q61Cs1) payments; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q61E1

How much did (name/you) receive (weekly/ every other week/ twice a month/ monthly) before deductions in (fill first answer from Q61C or Q61Cs1) payments in 2023?

◆ Enter dollar amount

◆ Do not include Veterans' payments.

Q61e1rn1

Could you please tell me if (name/you) received:

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

for the TOTAL amount (name/you) received in (fill first answer from Q61Cr or Q61Cs1) during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q61e1rn2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in (fill first answer from Q61C or Q61Cs1) during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q61E12

**How many (weekly/ every other week/ twice a month/ monthly) payments did
(name/you) receive in (fill first answer from Q61C or Q61Cs1) payments in 2023?**

* Disability income source #1 (1-12; 1-52)

Q61E1C

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from first answer in Q61c or Q61cs1) payments received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q61E13

**According to my calculations (name/you) received \$(total) altogether from
(fill first answer from Q61C or Q61Cs1) payments in 2023. Does that sound about
right?**

- 1 Yes
- 2 No

Q61E14

What is your best estimate of the correct amount (name/you) received from (fill first answer from Q61C or Q61Cs1) payments during 2023?

- * **PREVIOUS ENTRIES:** (amount)
Q61E1P: (periodicity)
Q61E12: (number of pay periods)
- * **Enter dollar amount**

Q61E2P

What is the easiest way for you to tell us (name's/your) (fill second answer from Q61C or Q61Cs1) payments; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q61E2

How much did (name/you) receive (weekly/every other week/ twice a month/ monthly) before deductions in (fill second answer from Q61C or Q61Cs1) payments in 2023?

- * **Enter dollar amount**

Q61e2rn1

Could you please tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

for the TOTAL amount (name/you) received in (fill second answer from Q61C or Q61Cs1) during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q61e2rn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in (fill second answer from Q61C or Q61Cs1) during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q61E22

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in (fill second answer from Q61C or Q61Cs1) payments in 2023?

* Disability income payment source #2 (1-12; 1-52)

Q61E2C

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from second answer in Q61c or Q61cs1) payments received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q61E23

According to my calculations (name/you) received \$(total) altogether from (fill second answer from Q61C or Q61Cs1) payments in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q61E24

What is your best estimate of the correct amount (name/you) received from (fill second answer from Q61C or Q61Cs1) payments during 2023?

- * PREVIOUS ENTRIES: (amount)
Q61E2P: (periodicity)
Q61E22: (number of pay periods)

* Enter dollar amount

5.8 VETERANS PAYMENTS (Amounts)

Q60V1P

What is the easiest way for you to tell us (name's/your) (fill from first answer in Q60c8); weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q60V1

How much did (name/you) receive (weekly/every other week/ twice a month/monthly) before deductions in (fill from first answer in Q60c8) in 2023?

* Enter dollar amount

Q60v1rn1

Could you please tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

for the TOTAL amount (name/you) received in (fill from first answer in Q60c8) during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q60v1rn2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000**

or over \$5,000

in (fill from first answer in Q60c8) payments during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q60V12

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive in (fill from first answer in Q60c8) in 2023?

* (1-52)

Q60V1C

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from first answer in Q60c8) received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q60V13

According to my calculations (name/you) received \$(total) altogether from (fill from first answer in Q60c8) in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q60V14

What is your best estimate of the correct amount (name/you) received in Veteran's benefits during 2023?

- * PREVIOUS ENTRIES: Q60V1: (amount)
Q60V1P: (periodicity)
Q60V12: (number of pay periods)
 - * Enter dollar amount
-

Q60V2P

What is the easiest way for you to tell us (name's/your) (fill from second answer in Q60c8); weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q60V2

How much did (name/you) receive (weekly/every other week/ twice a month/monthly) before deductions in (fill from second answer in Q60c8) in 2023?

* Enter dollar amount

Q60v2rn1

Could you please tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

for the TOTAL amount (name/you) received in (fill from second answer in Q60c8) payments during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q60v2rn2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in (fill from second answer in Q60c8) payments during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q60V22

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive in (fill from second answer in Q60c8) in 2023?

* (1-52)

Q60V2C

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from second answer in Q60c8) received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q60V23

According to my calculations (name/you) received \$(total) altogether from (fill from second answer in Q60c8) in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q60V24

What is your best estimate of the correct amount (name/you) received in (fill from second answer in Q60c8) during 2023?

* PREVIOUS ENTRIES: Q60V2: (amount)
 Q60V2P: (periodicity)
 Q60V22: (number of pay periods)

* Enter dollar amount

5.9 SURVIVOR BENEFITS – Amounts

Q58E1P

What is the easiest way for you to tell us (name's/your) (fill from first answer in Q58C or Q58Cs1) payments?

Weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly

- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q58E1

How much did (name/you) receive (weekly/every other week/twice a month/monthly) from (your/his/her) (fill from first answer in Q58C or Q58Cs1) in 2023?

* Enter dollar amount

Q58e1rn1

Could you please tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

for the TOTAL amount (name/you) received from (your/his/her) (fill from first answer in Q58C or Q58Cs1) payments during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q58e1rn2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

from (you/his/her) (fill from first answer in Q58C or Q58Cs1) payments during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q58E12

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in (fill from first answer in Q58C or Q58Cs1) in 2023?

* (1-52)

Q58E1C

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from first answer in Q58C or Q58Cs1) received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q58E13

According to my calculations (name/you) received \$(total) altogether from (fill from first answer in Q58C or Q58Cs1) in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q58E14

What is your best estimate of the correct amount (name/you) received from (your/his/her) (fill from first answer in Q58C or Q58Cs1) payments during 2023?

- * PREVIOUS ENTRIES: Q58E1: (amount)
Q58E1P: (periodicity)
Q58E12: (number of pay periods)
 - * Enter dollar amount
-

Q58E2P

What is the easiest way for you to tell us (name's/your) (fill from second answer in Q58C or Q58Cs1) payments?

Weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q58E2

How much did (name/you) receive (weekly/every other week/twice a month/monthly) in (fill from second answer in Q58C or Q58Cs1) in 2023?

* Enter dollar amount

Q58e2rn1

Could you please tell me if (name/you) received

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

for the TOTAL amount (name/you) received from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q58e2rn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q58E22

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive from (your/his/her) (fill from second answer in Q58C or Q58Cs1) in 2023?

* (1-52)

Q58E2C

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from second answer in Q58C or Q58Cs1) received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q58E23

According to my calculations (name/you) received \$(total) altogether from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments in 2023.

Does that sound about right?

- 1 Yes
- 2 No

Q58E24

What is your best estimate of the correct amount (name/you) received from (your/his/her) (fill from second answer in Q58C or Q58Cs1) payments during 2023?

- * **PREVIOUS ENTRIES:** Q58E2: (amount)
 Q58E2P: (periodicity)
 Q58E22: (number of pay periods)

- * Enter dollar amount

Q58E3P

What is the easiest way for you to tell us (name's/your) (fill from third answer in Q58C or Q58Cs1); weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q58E3

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) in (fill from third answer in Q58C or Q58Cs1) in 2023?

* Enter dollar amount

Q58e3rn1

Could you please tell me if (name/you) received

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

for the TOTAL amount (name/you) received from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q58e3rn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q58E32

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive from (your/his/her) (fill from third answer in Q58C or Q58Cs1) in 2023?

* (1-52)

Q58E3C

* Do not read to the respondent.

* The annual rate appears out of range. The total (fill from third answer in Q58C or

Q58Cs1) received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q58E33

According to my calculations (name/you) received (total) altogether from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q58E34

What is your best estimate of the correct amount (name/you) received from (your/his/her) (fill from third answer in Q58C or Q58Cs1) payments during 2023?

* PREVIOUS ENTRIES: Q58E3: (amount)
Q58E3P: (periodicity)
Q58E32: (number of pay periods)

* Enter dollar amount

5.10 PUBLIC ASSISTANCE (Amounts)

Q59ep

What is the easiest way for you to tell us (name's/your) TOTAL CASH assistance payments from (fill from Q59C8r); Is it weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q59e

During 2023, how much TOTAL CASH assistance did (name/you) receive (per week/every other week/twice a month/monthly): (fill from Q59C8r)?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

* Enter dollar amount

Q59ern1

Could you tell me if (name/you) received

less than \$1,000

between \$1,000 and \$3,000

or over \$3,000

in TOTAL CASH assistance payments in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3000

Q59ern2

Did (name/you) receive

less than \$100

between \$100 and \$500

or over \$500

in TOTAL CASH assistance payments in 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q59e2

How many (weekly/every other week/ twice a month/ monthly) cash assistance payments did (name/you) receive in 2023?

* (1-12/1-24/1-26/1-52)

Q59eC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total cash assistance received in 2023 was \$(amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q59e3

According to my calculations (name/you) received \$(total) altogether in cash assistance from a state or county program in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q59e4

What is your best estimate of the correct amount of cash assistance (name/you) received during 2023?

- * PREVIOUS ENTRIES: Q59e: (amount)
Q59ep: (periodicity)
Q59e2: (number of pay periods)
 - * Enter dollar amount
-

Q59f

Was the cash assistance for adults AND children in the household, or JUST children?

- 1 Both adults AND children
- 2 Children only
- 3 Adults only

Q59g

(Who/Which children) in your household was the cash assistance for?

- * Probe: Anyone Else?
- * Enter all that apply, separate using the space bar or a comma.
- * Enter 0 if none listed
- * Enter 96 for all persons

5.11 FOOD STAMPS/SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM (SNAP) (Amounts)

Q90p

What is the easiest way for you to tell us the value of the food assistance:

monthly or yearly?

- 1 Monthly
- 2 Yearly
- 3 Already included with TANF/AFDC payment

Q90

What is the (monthly) value of the food assistance received in 2023?

* Enter dollar amount

Q90rn1

Could you tell me if the value of food assistance received in 2023 was

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3000

Q90rn2

Was the value

**less than \$100
between \$100 and \$500
or over \$500**

in food assistance in 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q902

How many months was food assistance received in 2023?

* (1-12)

Q90C2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total food assistance payments received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q903

According to my calculations \$(total) was received altogether from food assistance in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q904

What is your best estimate of the correct amount of food assistance received during 2023?

- * PREVIOUS ENTRIES: Q90: (amount)
Q90p: (periodicity)
Q902: (number of pay periods)

- * Enter dollar amount

5.12 PENSIONS (Amounts)

Q62E1PR

What is the easiest way for you to tell us (name's/your) (first answer fill-in from Q62CR/Q62cS1); weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q62E1R

How much did (name/you) receive (weekly/every other week/ twice a month/ monthly) in (first answer fill-in from Q62CR/Q62cS1) in 2023?

* Enter dollar amount

Q62E1rn1

Could you tell me if (you/name) received

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

in (first answer fill-in from Q62CR/Q62cS1) in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q62E1rn2

Did (you/name) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in (first answer fill-in from Q62CR/Q62cS1) in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q62E12R

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in (first answer fill-in from Q62CR/Q62cS1) in 2023?

* Pension/Retirement #1 (1-12; 1-52)

Q62E1CR

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from first answer in Q62CR/Q62cS1) payments received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q62E13R

According to my calculations (name/you) received (total) dollars altogether from (first answer fill-in from Q62CR/Q62cS1) in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q62E14R

What is your best estimate of the correct amount (name/you) received in (first answer fill-in from Q62CR/Q62cS1) during 2023?

- * PREVIOUS ENTRIES: Q62E1: (amount)
Q62E1P: (periodicity)
Q62E12: (number of pay periods)

* Enter dollar amount

Q62E2PR

What is the easiest way for you to tell us (name's/your) (second answer fill-in from Q62CR/Q62cS1); weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q62E2R

How much did (name/you) receive (weekly/every other week/ twice a month/ monthly) in (second answer fill-in from Q62CR/Q62cS1) in 2023?

* Enter dollar amount

Q62E2rn1

Could you please tell me if (name/you) received

less than \$10,000
between \$10,000 and \$20,000
or over \$20,000

in (second answer fill-in from Q62CR/Q62cS1) payments in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q62E2rn2

Did (name/you) receive

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in (second answer fill-in from Q62CR/Q62cS1) in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q62E22R

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in (second answer fill-in from Q62CR/Q62cS1) in 2023?

* Pension/Retirement #1 (1-12; 1-52)

Q62E2CR

- * Do not read to the respondent.
- * The annual rate appears out of range. The total (fill from second answer in Q62CR/Q62cS1) payments received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q62E23R

According to my calculations (name/you) received \$(total) dollars altogether from (second answer fill-in from Q62CR/Q62cS1) in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q62E24R

What is your best estimate of the correct amount (name/you) received in (second

answer fill-in from Q62CR/Q62cS1) during 2023?

* PREVIOUS ENTRIES: Q62E1: (amount)
Q62E1P: (periodicity)
Q62E12: (number of pay periods)

* Enter dollar amount

5.13 ANNUITIES (*Amounts*)

ANNNEW1

What is the easiest way for you to tell us (name/your) annuity income; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

ANNNEW2

How much did (name/you) receive (weekly/every other week/twice a month/monthly) in annuities in 2023?

* Enter dollar amount

ANNNEWrn1

Could you tell me if (name/you) received

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

in annuity payments in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

ANNNEWrn2

Did (name/you) receive

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in annuity payments in 2023?

1 Less than \$1,000

2 Between \$1,000 and \$5,000

3 Over \$5,000

ANNNEW3

How many (weekly/every other week/ twice a month/monthly) payments did (name/you) receive in 2023?

* (1-12; 1-52)

ANNNEW4

According to my calculations (name/you) received \$(total) dollars altogether from annuities in 2023. Does that sound about right?

1 Yes

2 No

ANNNEW5

What is your best estimate of the correct amount (name/you) received in annuities in 2023?

* Enter dollar amount

***5.14 WITHDRAWALS/DISTRIBUTIONS FROM RETIREMENT PLAN
(Amounts)***

DISTNEW1

What is the easiest way for you to tell us the amount of money withdrawn or distributed from (name's/your) (1st account type fill-in from Q97CR or Q97DR) in 2023: monthly, quarterly, every 6 months, or yearly?

- 4 Monthly
- 5 Quarterly
- 6 Every 6 months
- 7 Yearly

DISTNEW2

How much was (name's/your) withdrawal or distribution (weekly/every other week/ twice a month/ monthly) from (1st account type fill-in from Q97CR or Q97DR) in 2023?

* Enter dollar amount

DISTNEW3

How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2023 from the (1st account type fill-in from Q97CR or Q97DR)?

♦ Valid entries are 1-12 if monthly; 1-4 if quarterly; 1-2 if every six months

DISTNEWrn1

Could you please tell me if (name's/your) withdrawal or distribution was

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

from (your/his/her) (1st account type fill-in from Q97CR or Q97DR) in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

DISTNEWrn2

Was (name's/your) withdrawal or distribution

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

from (your/his/her) (1st account type fill-in from Q97CR or Q97DR) in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

DISTNEW4

According to my calculations (name/you) withdrew or received a distribution of \$(total) altogether from the (1st account type fill-in from Q97CR or Q97DR) in 2023. Does that sound about right?

- 1 Yes
- 2 No

DISTNEW5

What is your best estimate of the correct amount (name/you) withdrew or the distribution received from the (1st account type fill-in from Q97CR or Q97DR) during 2023?

* Enter dollar amount

ROLLA

Did (you/name) re-invest or "roll over" any of the money into an IRA or some other kind of retirement plan?

- 1 Yes
- 2 No

ROLLAMTA

How much did (you/name) re-invest or "roll over" into an IRA or some other kind of retirement plan in 2023?

- * Enter dollar amount
- * Dollar amount should not exceed amount of withdrawals reported.
- * Amount of withdrawals reported: \$(amount)

ROLLB

(Do/Does) (you/name) plan to re-invest or roll over any of the money?

- 1 Yes

2 No

ROLLAMTB

How much (do/does) (you/name) plan to re-invest or “roll over” into an IRA or some other kind of retirement plan?

- * Enter dollar amount
 - * Dollar amount should not exceed amount of withdrawals reported.
 - * Amount of withdrawals reported: \$(amount)
-

DISTNEW6

What is the easiest way for you to tell us the amount of money withdrawn or distributed from (name's/your) (2nd account type fill-in from Q97CR or Q97DR) in 2023: monthly, quarterly, every 6 months, or yearly?

- 4 Monthly
- 5 Quarterly
- 6 Every 6 months
- 7 Yearly

DISTNEW7

How much was (name's/your) withdrawal or distribution (weekly/every other week/ twice a month/ monthly) from (your/his/her) (2nd account type fill-in from Q97CR or Q97DR) in 2023?

- * Enter dollar amount
-

DISTNEW8

How many (monthly/quarterly) withdrawals did (name/you) make or distributions did (name/you) receive in 2023 from the (2nd account type fill-in from Q97CR or Q97DR)?

(1-12), (1-4), (1-2)

DISTNEWrn3

Could you please tell me if (name's/your) withdrawal or distribution was

less than \$10,000
between \$10,000 and \$20,000
or over \$20,000

from (your/his/her) (2nd account type fill-in from Q97CR or Q97DR) in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

DISTNEWrn4

Was (name's/your) withdrawal or distribution

less than \$1,000
between \$1,000 and \$5,000
or over \$5,000

from (your/his/her) (2nd account type fill-in from Q97CR or Q97DR) in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

DISTNEW9

According to my calculations (name/you) withdrew or received a distribution of \$(total) altogether from the (2nd account type fill-in from Q97CR or Q97DR) in 2023. Does that sound about right?

- 1 Yes
- 2 No

DISTNEW10

What is your best estimate of the correct amount (name/you) withdrew or the distribution received from the (2nd account type fill-in from Q97CR or Q97DR) during 2023?

* Enter dollar amount

ROLLC

Did (you/name) re-invest or "roll over" any of the money into an IRA or some other kind of retirement plan?

- 1 Yes
- 2 No

ROLLAMTC

How much did (you/name) re-invest or "roll over" into an IRA or some other kind of retirement plan in 2023?

- * Enter dollar amount
 - * Dollar amount should not exceed amount of withdrawals reported.
 - * Amount of withdrawals reported: \$(amount)
-

ROLLD

(Do/Does) (you/name) plan to re-invest or roll over any of the money?

- 1 Yes
- 2 No

ROLLAMTD

How much (do/does) (you/name) plan to re-invest or "roll over" into an IRA or some other kind of retirement plan?

- * Enter dollar amount
 - * Dollar amount should not exceed amount of withdrawals reported.
 - * Amount of withdrawals reported: \$(amount)
-

5.15 INTEREST/DIVIDENDS ON RETIREMENT ACCOUNTS (Amounts)

RETIRENEW1

Within the (1st account type fill-in from Q97CR/Q97DR) account, how much did (name/you) earn in interest or dividends during 2023? Please include small amounts reinvested or credited to the account.

* Enter dollar amount

RETIRENEWrn1

Could you tell me if (name/you) earned

less than \$1,000

between \$1,000 and \$3,000

or over \$3,000

in interest or dividends from (your/his/her) (1st account type fill-in from Q97CR/Q97DR) during 2023?

1 Less than \$1,000

2 Between \$1,000 and \$3,000

3 Over \$3,000

RETIRENEWrn2

Did (name/you) earn

less than \$100

between \$100 and \$500

or over \$500

in interest or dividends from (your/his/her) (1st account type fill-in from Q97CR/Q97DR) during 2023?

1 Less than \$100

2 Between \$100 and \$500

3 Over \$500

RETIRENEW2

The Census Bureau can estimate the amount earned in this account based on the size of the account. So can you tell me how much money was in (name's/your) (1st account type fill-in from Q97CR/Q97DR) account at the end of 2023?

* Enter dollar amount

RETIRENEW3

Within the (2nd account type fill-in from Q97CR/Q97DR) account, how much did (name/you) earn in interest or dividends during 2023? Please include small amounts reinvested or credited to the account.

* Enter dollar amount

RETIRENEWrn3

Could you tell me if (name/you) earned

less than \$1,000

between \$1,000 and \$3,000

or over \$3,000

in interest or dividends from (your/his/her) (2nd account type fill-in from Q97CR/Q97DR) during 2023?

4 Less than \$1,000

5 Between \$1,000 and \$3,000

6 Over \$3,000

RETIRENEWrn4

Did (name/you) earn

less than \$100

between \$100 and \$500

or over \$500

in interest or dividends from (your/his/her) (2nd account type fill-in from Q97CR/Q97DR) during 2023?

4 Less than \$100

5 Between \$100 and \$500

6 Over \$500

5.16 INTEREST/DIVIDENDS ON NON-RETIREMENT ACCOUNTS
(Amounts)

NONRETIRENEW(1-7)1

How much did (you/name) receive in (interest/dividends) from [fill-in from Q99AR or Q99BR] during 2023, including even small amounts reinvested or credited to accounts?

- * If a joint account please split interest income in half for each person.
- * Enter dollar amount

NONRETIRENEW(1-7)rn1

Could you tell me if (you/name) received:

less than \$1,000
between \$1,000 and \$3,000
or over \$3,000

in (interest/dividends) from [fill-in from Q99AR or Q99BR] during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

NONRETIRENEW(1-7)rn2

Did (you/name) receive:

less than \$100
between \$100 and \$500
or over \$500

in (interest/dividends) from [fill-in from Q99AR or Q99BR] during 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

NONRETIRENEW(1-7)2

The Census Bureau can estimate the amount earned in this account based on the size of the account. How much money did (you/name) have in [fill-in from Q99AR or Q99BR] at the end of 2023?

* Enter dollar amount

Q63(c-i)p

* Read if necessary

Is this a weekly, every other week, twice a month, monthly, quarterly, every 6 months, or yearly amount?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 5 Quarterly
- 6 Every 6 months
- 7 Yearly

Q63(c-i)2

How many (weekly/ every other week/ twice a month/ monthly/ quarterly/ every 6 months) payments did (you/name) receive in interest/dividend income in 2023 from [fill-in from Q99AR or Q99BR]?

Q63(c-i)3

According to my calculations (you/name) received \$(total) from interest/dividend income from [fill-in from Q99AR or Q99BR] in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q63(c-i)4

What is your best estimate of the correct amount (you/NAME) received from interest payments during 2023?

*PREVIOUS ENTRIES: Q63(c-i): (amount)
Q63(c-i)p: (periodicity)
Q63(c-i)2: (number of pay periods)

* Enter dollar amount

CAPGDAMT

How much did (you/name) receive in capital gains in 2023?

* Enter dollar amount

CAPGDAMTrn1

Could you tell me if (name/you) received:

less than \$10,000

between \$10,000 and \$20,000

or over \$20,000

in capital gains during 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

CAPGDAMTrn2

Did (name/you) receive:

less than \$1,000

between \$1,000 and \$5,000

or over \$5,000

in capital gains distributions during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

5.17 PROPERTY INCOME (Amounts)

Q65c

How much did (name/you) receive in income from rent AFTER EXPENSES during 2023?

♦ Separate amounts for joint ownership

- ◆ If response is "Broke Even" then enter 1.
 - ◆ Enter dollar amount
 - ◆ If already included in amount reported for another household member, press Enter
 - ◆ If response is "None" or "Lost Money" press <Enter> key
-

Q65c Char

- * Enter "A" for Already included
 - * Enter "L" for Lost Money
 - * Enter "X" for None
-

Q65cL

- * Enter amount of money lost in 2023.
-

Q65crn1

Could you please tell me if (name/you) received:

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

**for the TOTAL amount (name/you) received in income from rent AFTER
EXPENSES during 2023?**

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q65crn2

Did (name/you) receive:

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in income from rent AFTER EXPENSES during 2023?

- 1 Less than \$1,000

- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q65cp

Is this a weekly, every other week, twice a month, monthly, quarterly, or yearly amount?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 5 Quarterly
- 7 Yearly

Q65c2

What is your best estimate of (name's/your) ANNUAL net income from rent AFTER EXPENSES in 2023?

* PREVIOUS ENTRIES: Q65c: (amount)
Q65cp: (periodicity)

* Enter dollar amount

Q65cC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total income received from rent (roomers or boarders, estates, trusts, or royalties) was (amount) in 2023. Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q65c2L

What is your best estimate of (name's/your) ANNUAL LOSS from rent AFTER EXPENSES in 2023?

* PREVIOUS ENTRIES: Q65cL: (amount)
Q65cp: (periodicity)

* Enter dollar amount

5.18 EDUCATIONAL ASSISTANCE (Amounts)

Q69F88

How much did (name/you) receive in Pell Grants during 2023?

*** Enter annual amount only**

Q69Frn1

Could you please tell me if (name/you) received:

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

for the TOTAL amount (name/you) received in Pell Grants during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

Q69Frn2

Did (name/you) receive:

**less than \$100
between \$100 and \$500
or over \$500**

in Pell Grants during 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q66HP

What is the easiest way for you to tell us (name's/your) (other/blank) educational assistance during 2023; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week (bi-weekly)
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q66H

(Aside from the Pell Grant assistance, how/How) much did (name/you) receive (weekly/every other week/ twice a month/ monthly) in educational assistance during 2023?

* Enter dollar amount

Q66H2

How many (weekly/every other week/ twice a month/ monthly) payments did (name/you) receive in educational assistance in 2023?

* (1-12/1-24/1-26/1-52)

Q66Hrn1

Could you please tell me if (name/you) received:

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

for the TOTAL amount (name/you) received in educational assistance during 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

Q66Hrn2

Did (name/you) receive:

**less than \$100
between \$100 and \$500
or over \$500**

in educational assistance during 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q66HC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total educational assistance received in 2023 was (amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q66H3

According to my calculations (name/you) received \$(total) altogether from educational assistance in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q66H4

What is your best estimate of the correct amount (name/you) received from educational assistance during 2023?

- * Previous entries: Q66h: (amount)
Q66hp: (periodicity)
Q66h2: (number of pay periods)
- * Enter dollar amount

5.19 CHILD SUPPORT (Amounts)

Q70cp

What is the easiest way for you to tell us (name's/your) child support payments; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week (bi-weekly)
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q70c

How much did (name/you) receive (weekly/ every other week/ twice a month/ monthly) in child support payments in 2023?

* Enter dollar amount

Q70c2

How many (weekly/every other week/ twice a month/ monthly) child support payments did (name/you) receive in 2023?

* (1-12/1-24/1-26/1-52)

Q70c1rn1

Could you please tell me if (name/you) received:

**less than \$10,000
between \$10,000 and \$20,000
or over \$20,000**

for the TOTAL amount (name/you) received in child support payments in 2023?

- 1 Less than \$10,000
- 2 Between \$10,000 and \$20,000
- 3 Over \$20,000

Q70c1rn2

Did (name/you) receive:

**less than \$1,000
between \$1,000 and \$5,000
or over \$5,000**

in child support payments in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$5,000
- 3 Over \$5,000

Q70cC2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total child support payments received in 2023 was \$(amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q70c3

According to my calculations (name/you) received \$(total) altogether from child support payments in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q70c4

What is your best estimate of the correct amount (name/you) received from child support payments during 2023?

- * PREVIOUS ENTRIES: Q70c: (amount)
Q70cp: (periodicity)
Q70c2: (number of pay periods)
- * Enter dollar amount

5.20 REGULAR FINANCIAL ASSISTANCE (Amounts)

Q72cp

What is the easiest way for you to tell us (name's/your) regular financial assistance; weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week (bi-weekly)
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q72c

How much did (name/you) receive (weekly/every other week/twice a month/ monthly) in regular financial assistance in 2023?

* Enter dollar amount

Q72c2

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in regular financial assistance in 2023?

* (1-12/1-24/1-26/1-52)

Q72crn1

Could you please tell me if (name/you) received:

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

in regular financial assistance in 2023?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

Q72crn2

Did (name/you) receive

**less than \$100
between \$100 and \$500
or over \$500**

in regular financial assistance in 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q72cC2

* Do not read to the respondent.

* The annual rate appears out of range. The total regular financial assistance payments

received in 2023 was \$(amount). Is this a correct entry? If Yes, enter "S" to Suppress.
If No, press enter and correct entry.

Q72c3

According to my calculations (name/you) received \$(total) altogether from regular financial assistance in 2023. Does that sound about right?

- 1 Yes
- 2 No

Q72c4

What is your best estimate of the correct amount (name/you) received from regular financial assistance during 2023?

*PREVIOUS ENTRIES: Q72c: (amount)
 Q72cp: (periodicity)
 Q72c2: (number of pay periods)

5.21 OTHER MONEY INCOME (Amounts)

Q731P

What is the easiest way for you to tell us (name's/your) income from (fill from Q73A1Rc);

weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week (bi-weekly)
- 3 Twice a month
- 4 Monthly
- 7 Yearly

Q731

How much did (name/you) receive (weekly/every other week/twice a month/monthly) in income from (fill from Q73A1Rc) during 2023?

* Do NOT include federal stimulus payments due to the Coronavirus pandemic.

* Enter dollar amount

Q7312

How many (weekly/every other week/twice a month/monthly) payments did (name/you) receive in income from (fill from Q73A1Rc) during 2023?

* (1-12/1-24/1-26/1-52)

Q73rn1

Could you please tell me if (name/you) received:

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

in income from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc)?

- 1 Less than \$1,000
- 2 Between \$1,000 and \$3,000
- 3 Over \$3,000

Q73rn2

Did (name/you) receive:

**less than \$100
between \$100 and \$500
or over \$500**

in income from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc)?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

Q731C2

- * Do not read to the respondent.
- * The annual rate appears out of range. The total income from (fill from Q73A1Rc) in 2023 was \$(amount). Is this a correct entry? If Yes, enter "S" to Suppress. If No, press enter and correct entry.

Q7313

According to my calculations (name/you) received \$(total) altogether from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc) in 2023.

Does that sound about right?

- 1 Yes
- 2 No

Q7314

What is your best estimate of the correct amount (name/you) received in income from (Alaska Permanent Fund Dividend/fill-in from Q73a1Rc) in 2023?

* PREVIOUS ENTRIES: Q731: (amount)
 Q731P: (periodicity)
 Q7312: (number of pay periods)

* Enter dollar amount

5.22 CONTRIBUTIONS TO RETIREMENT ACCOUNTS (Amounts)

CONTRIB1

Earlier we recorded that (you/name) (have/has) a retirement account, such as a 401(k), 403(b), IRA, or other account designed specifically for retirement savings.

Did (you/he/she) contribute any money to (your/his/her) plan(s), for example, through payroll deductions?

(Do not include amounts reinvested or “rolled over” from other retirement accounts.)

- 1 Yes
- 2 No

CONTRIB2

How much did (you/he/she) contribute to (your/his/her) account(s) in 2023?

* Total contributions to all accounts.

6 HEALTH INSURANCE

6.1 INTRODUCTION TO HEALTH INSURANCE SECTION

HINTRO

These next questions are about health coverage between January 1, 2023 and now.

* Press 1 to Continue

1 Enter 1 to Continue

PINTRO

(First/Next) I'm going to ask about (name's/your) health coverage.

* Press 1 to Continue

1 Enter 1 to Continue

FHINTRO

Next, I'm going to ask about (name's/your) health coverage.

* Press 1 to Continue

6.2 CURRENT COVERAGE

MCARE1

?[F1]

Medicare is health insurance for people 65 years and older and people under 65 with disabilities. (Is/Are) (name/you) NOW covered by Medicare?

* Code Medicare Parts A, B, and C and Medicare Advantage as "Yes"

1 Yes

2 No

ANYCOV

(Does/Do) (name/you) NOW have any type of health plan or health coverage?

- 1 Yes
- 2 No

MEDI

?[F1]

(Are/Is/Was/Were) (name/you) covered by Medicaid, Medical Assistance, or (CHIP/or Medicare)?

- 1 Yes
- 2 No

OTHGOVT

(Is/Are) (name/you) NOW covered by a state or government assistance program that helps pay for healthcare, such as: State Medicaid, CHIP, Exchange/Portal, or other State Health program?

* Stop reading list if respondent says "YES"

- 1 Yes
- 2 No

VET

(Is/Are) (name/you) NOW covered by Veteran's Administration (VA) care?

- 1 Yes
- 2 No

VERIFY

I recorded that (name/you) (is/are) not currently covered by a health plan. Is that correct?

- 1 Yes, is NOT covered
- 2 No, is covered

6.3 TYPE OF COVERAGE

SRCEGEN

?[F1]

* ASK OR VERIFY

For the coverage (name/you) (has/have/had) NOW, (do/does/did) (he/she/you) get it through a job, the government or state, or some other way?

*** 1. JOB**

Former job/Retiree
Union
Spouse/parent's job
Job with the government
COBRA
TRICARE/TRICARE For Life

2. GOVERNMENT OR STATE

Medical Assistance
Medicaid
Medicare (Parts A+B; Part C)
Medicare Advantage
State-provided health coverage
VA Care/CHAMPVA/other military

3. OTHER WAY

Privately purchased
Parent or spouse
Medicare Supplements
Exchange plan/Marketplace
Group or association
School

* IF RESPONDENT CHOOSES MORE THAN ONE: Let's talk about one plan at a time. Which would you like to tell me about first?

[♦ If respondent is not covered, go back to VERIFY and select "Yes"]

- 1 Job (current or former)
- 2 Government or State
- 3 Some other way

SRCEDEPDIR

* ASK OR VERIFY

(Does/Do/Did) (name/you) get that coverage through a parent or spouse, (does/do/did) (he/she/you) buy it (himself/herself/yourself), or (does/did/do) (he/she/you) get it some other way?

*** 1. PARENT OR SPOUSE**

Parent
Spouse

2. BUY IT DIRECTLY

Buy it
Parent or spouse buys it
Medicare Supplement

3. SOME OTHER WAY

Former employer
Group or association
Indian Health Service
School

- 1 Parent or spouse
- 2 Buy it
- 3 Some other way

SRCEOTH

* ASK OR VERIFY

(Does/Do/Did) (name/you) get it through a former employer, a union, a group or association, the Indian Health Service, a school, or some other way?

- 1 Former employer
- 2 Union
- 3 Group or association
- 4 Indian Health Service
- 5 School
- 6 Some other way

JOB COV

(Is/Was) that coverage related to a JOB with the government or state?

- * READ IF NECESSARY: Include coverage through FORMER employers and unions, and COBRA plans.

- 1 Yes
- 2 No

MIL PLAN

* ASK OR VERIFY

(Is/Was) that plan related to military service in any way?

- * Examples of military plans include:
- VA Care
 - TRICARE
 - TRICARE for Life
 - CHAMPVA
 - Other military care

- 1 Yes
- 2 No

GOV TYPE

?[F1]

* ASK OR VERIFY

(Is/Was) that coverage Medicaid, CHIP, Medicare, a plan through the military, or some other program?

- * Code Medicare Parts A, B, and C and Medicare Advantage as "Medicare"
- * IF RESPONDENT CHOOSES MORE THAN ONE: Let's talk about one plan at a time. Which would you like to tell me about first?

- 1 Medicaid or Medical Assistance
- 2 CHIP
- 3 Medicare
- 4 Military
- 5 Other

MILTYPE

- * ASK OR VERIFY

(Is/Was) that plan through TRICARE, TRICARE for Life, CHAMPVA, VA Care, military health care, or something else?

- 1 TRICARE
- 2 TRICARE for Life
- 3 CHAMPVA
- 4 Veterans Administration (VA) care
- 5 Military health care
- 6 Other

POLHOLDER

- * ASK OR VERIFY

Whose name (is/was) the policy in? (Who (is/was) the policyholder?)

- 1-16 Name on roster
- 17 Someone living outside the household

Enter persons line number (1-16), or 17 for person not in the household

SRCEPTSP

- * ASK OR VERIFY

(Do/Did) they get that coverage through their job, (do/did) they buy it themselves, or (do/did) they get it some other way?

- 1 Job (current or former)
- 2 Buy it
- 3 Some other way

GOVPLAN

*** ASK OR VERIFY**

What do you call the program?

- * IF RESPONDENT ANSWERS WITH INSURANCE COMPANY NAME: OK, so that would be the plan name. What do you call the program? Some examples of programs in (state) are [read full list below].**

- 1 Medicaid
- 2 Medical Assistance
- 3 Indian Health Service (IHS)
- 4-12 State Medicaid Programs Names
- 13-15 State Exchange Programs Names
- 16 Plan through State Exchange Portal
- 17 Other government plan
- 18 Other (please specify)

MISCSPEC

Please Specify

Write in plan name

PORTAL

*** ASK OR VERIFY**

(Is/Was) that coverage through (State Exchange Portal Name), which may also be known as (State Exchange Program Name 1, Name 2, Name 3)?

- 1 Yes
- 2 No

EXCHTYPE

*** ASK OR VERIFY**

What do you call it – State Exchange Program (Portal, Name 1, Name 2, Name 3)?

HIP Aid

(Does/Did) (your/policyholder name's/the policyholder's) employer or union pay for all, part, or none of the health insurance premium?

* Report here employer's contribution to employee's health insurance premiums, not the employee's medical bills.

- 1 All
- 2 Part
- 3 None

SHOP

Small businesses can offer health coverage to their employees through (State Exchange SHOP Portal Name). (Is/Was) the coverage at all related to (State Exchange SHOP Portal Name), (such as State SHOP Name 1, Name 2, Name 3)?

- 1 Yes
- 2 No

POLHOLDER2

* ASK OR VERIFY

Whose name (is/was) the policy in? (Who [is/was] the policyholder?)

- 1-16 Name on roster
- 17 Someone living outside the household

Enter persons line number (1-16), or 17 for person not in the household

PREMYN

Is there a monthly premium for this plan?

* A monthly premium is a fixed amount of money people pay each month to have health coverage. It does not include copays or other expenses such as prescription costs.

- 1 Yes
- 2 No

PREMSUBS

Is the cost of the premium subsidized based on (your/family) income?

- * A monthly premium is a fixed amount of money people pay each month to have health coverage. It does not include copays or other expenses such as prescription costs.
- * Subsidized health coverage is insurance with a reduced premium. Low and middle income families are eligible to receive tax credits that allow them to pay lower premiums for insurance bought through healthcare exchanges or marketplaces.

- 1 Yes
- 2 No

6.4 MONTHS OF COVERAGE

BEFORAFT

Did (name's/your) coverage from (plan type) start before January 1, 2023?

- * READ IF NECESSARY: Your best estimate is fine.
- * (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)
- ◆ (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)

- 1 Yes
- 2 No

MNTHBEG1/2

In which month did (that/this) coverage start?

- * READ IF NECESSARY: Your best estimate is fine.
- * (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)
- ◆ (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)
- * This question refers to (plan type).

- 1 January

- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
- 7 July
- 8 August
- 9 September
- 10 October
- 11 November
- 12 December

YEARBEG

* ASK OR VERIFY

Which year was that?

- * (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)
- ◆ (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)
- * This question refers to (plan type).

- 1 2023
- 2 2024

CNTCOV

Has it been continuous since (beginning month)?

- * (READ IF NECESSARY: If (policyholder) switched employers or plans through (your/their) employer, consider it the same plan.)
- ◆ (READ IF NECESSARY: If (policyholder) switched plans that (you/he/she) (buy/buys), consider it the same plan.)
- * READ IF NECESSARY: If the gap in coverage was less than 3 weeks, consider the coverage "continuous."
- * This question refers to (plan type).

- 1 Yes
- 2 No

SPELLADD

I have recorded that (name/you) (was/were) covered by (plan type) in (months of coverage). Were there any OTHER months between January 2023 and now that (name/you) (was/were) also covered by (plan type)?

- 1 Yes
- 2 No

ANYTHIS

Which months (was/were) (name/you) covered by (plan type) THIS year -- in 2024?

- 1 January 2024
- 2 February 2024
- 3 March 2024
- 4 April 2024
- 20 All months of 2024
- 21 No months of 2024

ANYLAST

Which months (was/were) (name/you) covered by (plan type) LAST year -- in 2023?

- 1 January
- 2 February
- 3 March
- 4 April
- 5 May
- 6 June
- 7 July
- 8 August
- 9 September
- 10 October
- 11 November
- 12 December
- 20 All months from January 2023 until December 2023
- 21 No months from January 2023 until December 2023

WMNTHS

Which months between January 2023 and now (was/were) (name/you) covered by (plan type)?

- 1 January 2023

- 2 February 2023
- 3 March 2023
- 4 April 2023
- 5 May 2023
- 6 June 2023
- 7 July 2023
- 8 August 2023
- 9 September 2023
- 10 October 2023
- 11 November 2023
- 12 December 2023
- 13 January 2024
- 14 February 2024
- 15 March 2024
- 16 April 2024
- 20 All months from January 2023 until now
- 21 No months from January 2023 until now

6.5 OTHER HOUSEHOLD MEMBERS

OTHMEMB

Between January 1, 2023 and now, was anyone in the household other than (name/you) ALSO covered by (plan type)?

- 1 Yes
- 2 No

COVWHO

Who else was covered? Who else was covered by (plan type)?

* **PROBE: Anyone else?**

- 0 No one listed
- 1-16 Person 1 through 16's name
- 96 All persons listed

SAMEMNTHS

(Was/Were) (name/names) also covered from January 2023 until now?

* **This question refers to (plan type)**

- 1 All also covered from January 2023 until now
- 2 None covered from January 2023 until now

MNTHS P(1-16)M

Which months between January 2023 and now was (NAME) covered? [How about (NAME)?]

* This question refers to (plan type)

- 1 January 2023
- 2 February 2023
- 3 March 2023
- 4 April 2023
- 5 May 2023
- 6 June 2023
- 7 July 2023
- 8 August 2023
- 9 September 2023
- 10 October 2023
- 11 November 2023
- 12 December 2023
- 13 January 2024
- 14 February 2024
- 15 March 2024
- 16 April 2024
- 20 All months from January 2023 until now
- 21 No months from January 2023 until now

OTHOUT

Does that plan cover anyone living outside this household?

* This question refers to (plan type)

- 1 Yes
- 2 No

OTHWHO

How old are they -- under 19, 19-25, or older than 25?

* Mark all that apply

- 1 Under 19

- 2 19-25 years old
- 3 Older than 25

6.6 ADDITIONAL PLANS

ADDGAP

So far, I have recorded that (name/you) (was/were) NOT covered in (months of no coverage). (Was/Were) (name/you) covered by any type of health plan or health coverage in (those months/that month)?

*** READ IF NECESSARY: Do not include plans that cover only one type of care, such as dental or vision plans.**

- 1 Yes
- 2 No

ADDOTH

Other than (plan type[s]), (was/were) (name/you) covered by any other type of health plan or health coverage AT ANY TIME between January 1, 2023 and now?

*** READ IF NECESSARY: Do not include plans that cover only one type of care, such as dental or vision plans.**

- 1 Yes
- 2 No

6.7 EMPLOYER-SPONSORED INSURANCE OFFERS AND TAKEUP

ESIINTRO

Earlier I recorded that (name/you) (is/are) employed but (does/do) not have health coverage through (his/her/your) job.

- 1 Enter 1 to continue

OFFER

Does (employer name) offer a health insurance plan to any of its employees?

- 1 Yes
- 2 No

COULD

Could (name/you) be in this plan if (he/she/you) wanted to?

- 1 Yes
- 2 No

WNTAKE

Why (aren't/isn't) (you/he/she) in this plan?

* Choose all that apply

- 1 Covered by another plan
- 2 Traded health insurance for higher pay
- 3 Too expensive
- 4 Don't need health insurance
- 5 Have a pre-existing condition
- 6 Haven't yet worked for this employer long enough to be covered
- 7 Contract or temporary employees not allowed in plan
- 8 Other/specify

WNTAKESPEC

Please specify other reason why not in the plan

WNELIG

Why not? Why can't (name/you) be in this plan if (he/she/you) wanted to?

* Choose all that apply

- 1 Don't work enough hours per week or weeks per year
- 2 Contract or temporary employees not allowed in plan
- 3 Haven't yet worked for this employer long enough to be covered
- 4 Have a pre-existing condition
- 5 Too expensive
- 6 Other/specify

WNELIGSPEC

Please specify other reason why not eligible.

6.8 HEALTH STATUS

HealthStatus Intro

An important factor in evaluating a person's or family's health insurance situation is their current health status and/or the current health status of other family members.

Enter 1 to Continue

HealthStatus

Would you say (name's/your) health in general is excellent, very good, good, fair, or poor?

- 1 Excellent
- 2 Very good
- 3 Good
- 4 Fair
- 5 Poor

6.9 MEDICAL EXPENDITURES

MedExp Intro

Next I would like to ask about out-of-pocket medical expenses during 2023.

*** [Press 1 to Continue](#)**

1 Enter 1 to continue

HIPREM

[Earlier I recorded that (your/name's) employer or union did not pay for (your/his/her) entire health insurance premium.] Last year, how much did (you/name) pay out-of-pocket for ALL health insurance premiums [covering (yourself/himself/herself) or others in the household]? Include both comprehensive and supplemental plans (such as vision and dental insurance).

[What about (you/name)?]

[DO NOT include the \$(amount reported) per month from Medicare deductions from (Social Security/ Social Security Disability/ Social Security and Social Security Disability) payments mentioned earlier.]

* Enter dollar amount

MEDAMT

?[F1]

Last year, how much was paid out-of-pocket for (your/name's) OWN medical care, such as copays for doctor and dentist visits, diagnostic tests, prescription medicine, glasses and contacts, and medical supplies?

[What about (you/name)? Last year, how much was paid out-of-pocket for (your/name's) OWN medical care, such as copays for doctor and dentist visits, diagnostic tests, prescription medicine, glasses and contacts, and medical supplies?]

Include any amount paid out-of-pocket on (your/his/her) behalf by anyone in this household.

* Enter dollar amount

OTCMEDAMT

Last year, how much was paid out-of-pocket for (your/name's) non-prescription healthcare products such as vitamins, allergy and cold medicine, pain relievers, quit smoking aids, AND anything else not yet reported?

[What about (you/name)? Last year, how much was paid out-of-pocket for (your/name's) non-prescription healthcare products such as vitamins, allergy and cold medicine, pain relievers, quit smoking aids, AND anything else not yet reported?]

Include any amount paid out-of-pocket on (your/his/her) behalf by anyone in this household.

* Enter dollar amount

* If unsure of the amount, a best guess is acceptable.

7 EMPLOYER'S PENSION PLAN

Q74a

Other than Social Security did (the/any) employer or union that (name/you) worked for in 2023 have a pension or other type of retirement plan for any of its employees?

- 1 Yes
- 2 No

Q74b

(Were/Was) (name/you) included in that plan?

- 1 Yes
- 2 No

8 LOW INCOME ITEMS

8.1 SCHOOL LUNCHES

Q80

During 2023 which of the children ages 5 to 18 in this household usually ate a complete lunch offered at school?

- * “Usually” refers to days where school was being held in person, such as during the pre-pandemic period or in areas where schools remained open.
- * Probe: Anyone else?
- * Enter all that apply, separate using the space bar or a comma.
- * Enter 96 for All
- * Enter 0 for None

Q83

During 2023 which of the children in this household received free or reduced priced lunches because they qualified for the Federal School Lunch Program or their school provided free lunches to all students?

- * Probe: Anyone else?
- * Enter all that apply, separate using the space bar or a comma.
- * Enter 96 for All
- * Enter 0 for None

ECVDPEBT

During 2023, did you or anyone in this household receive Summer EBT, pandemic EBT, or P-EBT benefits?

- 1 Yes
- 2 No

8.2 PUBLIC HOUSING

Q85

Is this public housing, that is, is it owned by a local housing authority or other public agency?

- 3 Yes
- 4 No

Q86

Are you paying lower rent because the Federal, State, or local government is paying part of the cost?

- 1 Yes
- 2 No

8.3 WOMEN, INFANTS, AND CHILDREN NUTRITION PROGRAM (WIC)

SWRWIC

At any time during 2023, (was/were) (you/ anyone in this household) on WIC, the Women, Infants, and Children Nutrition Program?

- 1 Yes
- 2 No

SWRW

Who received WIC for themselves or on behalf of a child?

- * Enter all that apply, separate using the space bar or a comma.
- * Probe: Anyone else?

8.4 ENERGY ASSISTANCE

Q93

The government has an energy assistance program which helps pay heating and cooling costs. This assistance can be received directly by the household or it can be paid directly to the electric company, gas company, or fuel dealer.

In 2023, (did you/did this household) receive assistance of this type from the federal, state, or local government?

- 1 Yes
- 2 No

Q93pr1

Do you remember receiving an additional or unexpected check that was sent during the year to help pay heating or cooling costs?

- 1 Yes
- 2 No

Q93pr2

Was it used to pay heating costs?

- 1 Yes
- 2 No

Q94

Altogether, how much energy assistance has been received in 2023?

*** [Enter annual amount only](#)**

Q94rn1

Could you tell me if you received:

**less than \$1,000
between \$1,000 and \$3,000
or over \$3,000**

in energy assistance during 2023?

- 1 Less than \$1,000

- 2 Between \$1,000 and \$3,000
- 3 Over \$3000

Q94rn2

Did you receive:

**less than \$100
between \$100 and \$500
or over \$500**

in energy assistance during 2023?

- 1 Less than \$100
- 2 Between \$100 and \$500
- 3 Over \$500

9 MIGRATION

9.1 1-YEAR MIGRATION

MIGSAM

(Were/Was) (you/reference person's name) living in this house (or apartment) one year ago?

- 1 Yes, this house (apt)
- 2 No, different house in U.S.
- 3 No, outside the U.S.

MIGPLC

Where did (reference person's name/you) live one year ago?

- * Name of city/town/post office
 - * Current: (city)
 - * Enter correct city/town/post office or press ENTER for SAME
-

MIGSTA

Where did (reference person's name/you) live one year ago?

- * Name of State
 - * Current: (state)
 - * Enter W for person living on a ship at sea
 - * Enter correct State or press ENTER for SAME
-

MIGZIP

Where did (reference person's name/you) live one year ago?

- * Zip Code
 - * Current: (zip)
 - * Enter correct Zip Code or press ENTER for SAME
-

MIGCLM

Did (reference person's name/you) live inside the city limits of (place name)?

- 1 Yes, inside city limits
- 2 No, outside city limits or post office name only

MIGCOU

What (county/parish) is (place name) in?

- * Enter "IND CITY" if an independent city, not a county
-

S MIGCN1

What country did (reference person's name/you) live in one year ago?

MI1RES

What was (your/name's) main reason for moving to this house (apartment)?

- * The answer categories are separated into the following groups:
FAMILY-RELATED REASONS* 1-3
EMPLOYMENT-RELATED REASONS 5-9
HOUSING-RELATED REASONS 10-15
OTHER REASONS 4, 16-20

*Family-related reasons only include family as defined by the Census Bureau. Family consists of people who are related by birth, marriage, or adoption.

- 1 change in marital status

- 2 to establish own household
- 3 other family reason (specify)
- 4 relationship with unmarried partner (boy/girlfriend, fiancé, etc.)
- 5 new job or job transfer
- 6 to look for work or lost job
- 7 to be closer to work/easier commute
- 8 retired
- 9 other job-related reason (specify)
- 10 wanted to own home, not rent
- 11 wanted newer/better/larger house or apartment
- 12 wanted better neighborhood/less crime
- 13 cheaper housing
- 14 foreclosure/eviction
- 15 other housing reason (specify)
- 16 to attend or leave college
- 17 change of climate
- 18 health reasons
- 19 natural disaster (hurricane, tornado, etc.)
- 20 other reason (specify)

MI1s

What was the reason for moving?

MIGALL

There are (number) other persons in this household ages 1 year or over.

Did (all of these persons/this person) live with (reference person's name/you) (in this house/in City, State/outside the U.S.) one year ago?

- 1 Yes, all lived with (reference person's name/you)
- 2 No, some or all did not live with (reference person's name/you)

MIGM

Which of the other members of this household did NOT live with (reference person's name/you) one year ago?

- * PROBE: Anyone else?
- * Enter all that apply, separate using the space bar or a comma.
- * Enter Line Number(s)

NXTSAM

Did (name/you) live in this house (apartment) one year ago?

- 1 Yes, this house
- 2 No, different house in U.S.
- 3 No, outside the U.S.

NXTPLC

Where did (name/you) live one year ago?

- * Name of city/town/post office
 - * Current: (city) Enter correct city/town/post office or
 - * Press ENTER for SAME
-

NXTSTA

Where did (name/you) live one year ago?

- * Name of State
 - * Current: (state)
 - * Enter correct State or press ENTER for SAME
-

NXTZIP

Where did (name/you) live one year ago?

- * Zip Code Current: (zip)
 - * Enter correct zip code or
 - * Press ENTER for SAME
-

NXTCLM

Did (name/you) live inside the city limits of (place name)?

- 1 Yes, inside city limits
- 2 No, outside city limits or post office name only

NXTCOU

What (county/parish) is (place name) in?

♦ Enter "IND CITY" if an independent city, not a county

S NXTCN1

What country did (name/you) live in one year ago?

NX1RES

What was (name's/your) main reason for moving to this house (apartment)?

* The answer categories are separated into the following groups:

FAMILY-RELATED REASONS* 1-3

EMPLOYMENT-RELATED REASONS 5-9

HOUSING-RELATED REASONS 10-15

OTHER REASONS 4, 16-20

*Family-related reasons only include family as defined by the Census Bureau. Family are people who are related by birth, marriage, or adoption.

- 1 change in marital status
- 2 to establish own household
- 3 other family reason (specify)
- 4 relationship with unmarried partner (boy/girlfriend, fiancé, etc.)
- 5 new job or job transfer
- 6 to look for work or lost job
- 7 to be closer to work/easier commute
- 8 retired
- 9 other job-related reason (specify)
- 10 wanted to own home, not rent
- 11 wanted newer/better/larger house or apartment
- 12 wanted better neighborhood/less crime
- 13 cheaper housing
- 14 foreclosure/eviction
- 15 other housing reason (specify)
- 16 to attend or leave college
- 17 change of climate
- 18 health reasons
- 19 natural disaster (hurricane, tornado, etc.)
- 20 other reason (specify)

NX10TH

What was the reason for moving?

SUNITS

* Ask if necessary

How many housing units are in your building?

- 1 Only one
- 2 Two
- 3 Three or four
- 4 Five to nine
- 5 Ten or more

10 SUPPLEMENTAL POVERTY MEASURE

10.1 PROPERTY VALUE/PRESENCE OF MORTGAGE

VALPROP

About how much do you think this (house and lot/apartment/mobile home) would sell for if it were for sale?

♦ Enter dollar amount

VALPROPR

Could you tell me if you think this (house and lot/apartment/mobile home) would sell for:

**less than \$100,000
between \$100,000 and \$250,000
between \$250,000 and \$500,000
or \$500,000 or more?**

- 1 Less than \$100,000
- 2 Between \$100,000 and \$250,000
- 3 Between \$250,000 and \$500,000
- 4 \$500,000 or more

MORTYN

Not counting home equity loans, do you or any other member of this household have a mortgage, deed of trust, contract to purchase, or similar debt on THIS property?

- 1 Yes
- 2 No

SMORTYN

Do you or any member of this household have a second mortgage or a home equity loan on THIS property?

- 1 Yes, home equity loan.
- 2 Yes, second mortgage.
- 3 Yes, second mortgage and home equity loan.
- 4 No

10.2 CHILD CARE

Q95

Now we want to ask about some of your expenses for children.

Did (you/ anyone in this household) PAY for the care of (your/their) (child/children) while (you/they) worked in 2023?

- * Include: All child care expenses including preschool and nursery school expenses, before and after school care, and summer care.
- * Do not include: cost of kindergarten or grade/elementary school.

- 1 Yes
- 2 No

Q95A

Which children needed care while their parents worked?

- ◆ Enter all that apply, separate using the space bar or a comma.
- ◆ Probe: Anyone else?
- ◆ Enter 96 for All persons
- ◆ Enter 0 if none

CCFREQ

What is the easiest way for you to tell us how much was paid for child care while

(you/they) worked in 2023: weekly, every other week, twice a month, monthly, or yearly?

- 1 Weekly
- 2 Every other week
- 3 Twice a month
- 4 Monthly
- 7 Yearly

CCAMT

How much was paid (weekly/every other week/twice a month/monthly) for child care?

- * Include child care payments made for all children in the household.
 - * For example, if there are two adults in the household with childcare expenses use the total paid by both adults. Do not try to separate the payments. Record one total for the entire household.
-

CCNUMPAY

How many (weekly/every other week/twice a month/monthly) payments did (you/they) make during 2023?

(1-52), (1-26), (1-24), (1-12)

CCTOT

Then (you/they) paid \$(amount) altogether in child care while (you/they) worked during 2023. Does that sound about right?

- 1 Yes
- 2 No

CCEST

What is your best estimate of the correct amount (you/they) paid for child care while (you/they) worked in 2023?

10.3 CHILD SUPPORT PAID

CSPCHILD

(Do you/Does anyone in this household) have any children who lived elsewhere with their other parent or guardian at any time during 2023?

- 1 Yes
- 2 No

CSPWHO

Who had children who lived elsewhere? Anyone else?

- * Enter line number
 - * Enter all that apply, separate using the space bar or a comma.
-

CSPREQ

In 2023, did (name/you) pay any child support for children living elsewhere with their other parent or guardian?

- 1 Yes
- 2 No

CSPAMT

How much child support did (name/you) pay in 2023?

- ◆ Enter dollar amount
- ◆ COUNT ALL FORMS OF CHILD SUPPORTS PAYMENTS, INCLUDING:
...PAYMENTS MADE DIRECTLY TO THE OTHER PARENT/GUARDIAN;
...PAYMENTS MADE THROUGH A COURT OR AGENCY; AND
...PAYMENTS WITHHELD FROM THIS PERSON'S PAYCHECK

10.4 Affordable Connectivity Program

BBSUB

At any time during 2023, did you or anyone in this household receive benefits from the Affordable Connectivity Program or any other program that provided reduced price WIFI, broadband, or other home internet services?

1 Yes

2 No

BBSUB MNTH

How many months did (you/anyone in this household) receive these benefits in 2023?

* (1-12)

Attachment A. Income Range Follow-up Questions

The three levels of income range follow-up questions are:

1) High-range income follow-up brackets:

- Less than \$45,000
- Between \$45,000 and \$60,000
- \$60,000 or more

If the respondent selects the lowest bracket (Less than \$45,000), then the following ranges will be presented to the respondent:

- Less than \$15,000
- Between \$15,000 and \$30,000
- \$30,000 or more

2) Mid-range income follow-up questions:

- Less than \$10,000
- Between \$10,000 and \$20,000
- \$20,000 or more

If the respondent selects the lowest bracket (Less than \$10,000), then the following ranges will be presented to the respondent:

- Less than \$1,000
- Between \$1,000 and \$5,000
- \$5,000 or more

3) Low-range income follow-up questions:

- Less than \$1,000
- Between \$1,000 and \$3,000
- \$3,000 or more

If the respondent selects the lowest bracket (Less than \$1,000), then the following ranges will be presented to the respondent:

- Less than \$100
- Between \$100 and \$500
- \$500 or more

Attachment B. Income Source and Follow-Up Question Range Level

The following table displays the income source and range level used in the follow-up range questions.

Source Screen	Income Source	Range Screen	Range Level
Q48AA	Earnings from Longest Job	PUQ48AARN1	High
Q48AAD	Longest Job: tips, bonuses, etc.	PUQ48AADRN1	Low
Q48B	Earnings from Business/ Farm	PUQ48BRN1	High
Q48BAD	Business/ Farm: tips, bonuses, etc.	PUQ48BADRN1	Low
Q49B1D	Earnings from All Other Employers	PUQ49B1DRN1	Mid
Q49B1A	All Other Employers: tips, bonuses, etc.	PUQ49B1ARN1	Low
Q49B2	Earnings from Any Other Business	PUQ49B2RN1	Mid
Q49B4	Earnings from Any Other Farm	PUQ49B4RN1	Mid
Q51A1	State or Federal Unemployment Compensation	PUQ51A11R1	Mid
Q51A2	Supplemental Unemployment Benefits	PUQ51A21R1	Mid
Q51A3	Union Unemployment or Strike Benefits	PUQ51A31R1	Mid
Q52A	Worker's Compensation	PUQ52CR1	Mid
Q56A	Social Security	PUQ656DRN1	Mid
Q56F	Social Security for Children	PUQ56IRN1	Mid
Q57A	Supplemental Security Income (SSI)	PUQ57CRN1	Mid
Q57D	SSI for Children	PUQ57IRN1C	Mid
Q59AR	Disability Income (source 1) Disability Income (source 2)	PUQ61E1RN1 PUQ61E2RN1	Mid
Q60A88	Veteran's Payments (source 1) Veteran's Payments (source 2)	PUQ60V1RN1 PUQ60V2RN1	Mid
Q58A	Survivor Benefits (source 1) Survivor Benefits (source 2) Survivor Benefits (source 3)	PUQ58E1RN1 PUQ58E2RN1 PUQ58E3RN1	Mid
Q59A88, Q59A89	Public Assistance/ TANF	PUQ59ERN1	Low
Q87R, Q87AR	Food Assistance/ SNAP	HUQ90RN1	Low
Q62AR	Pensions (source 1) Pensions (source 2)	PUQ62E1RN1 PUQ62E2RN1	Mid
Q96AR	Annuities	PUANNEWRN1	Mid
Q98Ar	Retirement Withdrawals/Distributions (source 1) Retirement Withdrawals/Distributions (source 2)	PUDSTNEWR1 PUDSTNEWR3	Mid
Q97Cr	Retirement Interest (source 1) Retirement Interest (source 2)	PURETNEWRN1 PURETNEWRN3	Low
Q99ARa	Checking Account Interest	PUQ63C1B	Low
Q99ARb	Savings Account Interest	PUQ63D1B	Low
Q99ARc	Money Market Account Interest	PUQ63e1B	Low
Q99ARd	CD Interest	PUQ63f1B	Low
Q99ARe	Saving Bonds Interest	PUQ63g1b	Low

Source Screen	Income Source	Range Screen	Range Level
Q99ARe	Stock Dividends	PUQ63h1b	Low
Q99ARg	Any Other Interest	PUQ63i1b	Low
CAPGDIS	Nonretirement Interest	PUCAPGDAMTRN1	Mid
Q65A1, Q65A2, Q65A3	Property Income	PUQ65CRN1	Mid
Q66B	Pell Grant Other Education Assistance	PUQ69FRN1 PUQ66HRN1	Low
Q70A	Child Support	PUQ70C1RN1	Mid
Q72A	Regular Financial Assistance	PUQ72CRN1	Low
Q73A1	Other Money Income	PUQ73RN1	Low
Q93	Energy Assistance	HUQ94RN1	Low

APPENDIX F

SPECIFIC METROPOLITAN IDENTIFIERS

(Beginning August 2015)

List 1: FIPS Metropolitan Area (CBSA) Codes

List 2: FIPS Consolidated Statistical Area (CSA) Codes

List 3: Individual Principal Cities

List 4: FIPS County Codes

Unless otherwise noted, all definitions for geographic areas on these lists reflect the February 28, 2013 OMB definitions.

LIST 1: FIPS Metropolitan Area (CBSA) Codes

Metropolitan Areas are defined using February 28, 2013 OMB definitions.

<u>FIPS Code</u>	<u>Metropolitan (CBSA) TITLE</u>
10180	Abilene, TX
10420	Akron, OH
10580	Albany-Schenectady-Troy, NY
10740	Albuquerque, NM
10900	Allentown-Bethlehem-Easton, PA-NJ
11100	Amarillo, TX
11460	Ann Arbor, MI
11540	Appleton, WI
11700	Asheville, NC
12020	Athens-Clarke County, GA
12060	Atlanta-Sandy Springs-Roswell, GA
12100	Atlantic City-Hammonton, NJ
12220	Auburn-Opelika, AL
12260	Augusta-Richmond County, GA-SC
12420	Austin-Round Rock, TX
12540	Bakersfield, CA
12580	Baltimore-Columbia-Towson, MD
12620	Bangor, ME
12700	Barnstable, MA
12940	Baton Rouge, LA
12980	Battle Creek, MI
13140	Beaumont-Port Arthur, TX
13460	Bend-Redmond, OR
13740	Billings, MT
13780	Binghamton, NY
13820	Birmingham-Hoover, AL
13980	Blacksburg—Christiansburg-Radford, VA
14010	Bloomington, IL
14020	Bloomington, IN
14260	Boise City, ID
14460	Boston-Cambridge-Newton, MA-NH
14500	Boulder, CO
14540	Bowling Green, KY
14860	Bridgeport-Stamford-Norwalk, CT
15180	Brownsville-Harlingen, TX
15380	Buffalo-Cheektowaga-Niagara Falls, NY
15500	Burlington, NC
15540	Burlington-South Burlington, VT
15680	California-Lexington Park, MD
15940	Canton-Massillon, OH

15980	Cape Coral-Fort Myers, FL
16060	Carbondale-Marion, IL
16300	Cedar Rapids, IA
16540	Chambersburg-Waynesboro, PA
16580	Champaign-Urbana, IL
16620	Charleston, WV
16700	Charleston-North Charleston, SC
16740	Charlotte-Concord-Gastonia, NC-SC
16820	Charlottesville, VA
16860	Chattanooga, TN-GA
16980	Chicago-Naperville-Elgin, IL-IN-WI
17020	Chico, CA
17140	Cincinnati, OH-KY-IN
17300	Clarksville, TN-KY
17420	Cleveland, TN
17460	Cleveland-Elyria, OH
17660	Coeur d'Alene, ID
17780	College Station-Bryan, TX
17820	Colorado Springs, CO
17900	Columbia, SC
17980	Columbus, GA-AL
18140	Columbus, OH
18580	Corpus Christi, TX
19100	Dallas-Fort Worth-Arlington, TX
19300	Daphne-Fairhope-Foley, AL
19340	Davenport-Moline-Rock Island, IA-IL
19380	Dayton, OH
19660	Deltona-Daytona Beach-Ormond Beach, FL
19740	Denver-Aurora-Lakewood, CO
19780	Des Moines-West Des Moines, IA
19820	Detroit-Warren-Dearborn, MI
20100	Dover, DE
20500	Durham-Chapel Hill, NC
20700	East Stroudsburg, PA
21140	Elkhart-Goshen, IN
21340	El Paso, TX
21500	Erie, PA
21660	Eugene, OR
21780	Evansville, IN-KY
22020	Fargo, ND-MN
22140	Farmington, NM
22180	Fayetteville, NC
22220	Fayetteville-Springdale-Rogers, AR-MO
22420	Flint, MI
22500	Florence, SC
22520	Florence-Muscle Shoals, AL

22660	Fort Collins, CO
22900	Fort Smith, AR-OK
23060	Fort Wayne, IN
23420	Fresno, CA
23540	Gainesville, FL
23580	Gainesville, GA
24020	Glen Falls, NY
24140	Goldsboro, NC
24340	Grand Rapids-Wyoming, MI
24540	Greeley, CO
24580	Green Bay, WI
24660	Greensboro-High Point, NC
24780	Greenville, NC
24860	Greenville-Anderson-Mauldin, SC
25180	Hagerstown-Martinsburg, MD-WV
25260	Hanford-Corcoran, CA
25420	Harrisburg-Carlisle, PA
25540	Hartford-West Hartford-East Hartford, CT
25860	Hickory-Morganton-Lenoir, NC
25940	Hilton Head Island-Bluffton-Beaufort, SC
26420	Houston-Baytown-Sugar Land, TX
26580	Huntington-Ashland, WV-KY-OH
26620	Huntsville, AL
26820	Idaho Falls, ID
26900	Indianapolis, IN
26980	Iowa City, IA
27100	Jackson, MI
27140	Jackson, MS
27260	Jacksonville, FL
27340	Jacksonville, NC
27500	Janesville-Beloit, WI
27740	Johnson City, TN
27780	Johnstown, PA
27980	Kahului-Wailuku-Lahaina, HI
28020	Kalamazoo-Portage, MI
28140	Kansas City, MO-KS
28420	Kennewick-Richland, WA
28660	Killeen-Temple-Fort Hood, TX
28700	Kingsport-Bristol, TN-VA
28940	Knoxville, TN
29180	Lafayette, LA
29200	Lafayette-West Lafayette, IN
29340	Lake Charles, LA
29460	Lakeland-Winter Haven, FL
29540	Lancaster, PA
29620	Lansing-East Lansing, MI

29700	Laredo, TX
29740	Las Cruces, NM
29820	Las Vegas-Paradise, NV
30340	Lewiston-Auburn, ME
30460	Lexington-Fayette, KY
30780	Little Rock-North Little Rock, AR
30980	Longview, TX
31080	Los Angeles-Long Beach-Anaheim, CA
31140	Louisville, KY-IN
31180	Lubbock, TX
31420	Macon, GA
31540	Madison, WI
31700	Manchester-Nashua, NH
32580	McAllen-Edinburg-Mission, TX
32780	Medford, OR
32820	Memphis, TN-MS-AR
33100	Miami-Fort Lauderdale-West Palm Beach, FL
33340	Milwaukee-Waukesha-West Allis, WI
33460	Minneapolis-St Paul-Bloomington, MN-WI
33660	Mobile, AL
33700	Modesto, CA
33740	Monroe, LA
33780	Monroe, MI
33860	Montgomery, AL
34060	Morgantown, WV
34580	Mount Vernon-Anacortes, WA
34740	Muskegon-Norton Shores, MI
34820	Myrtle Beach-Conway-North Myrtle Beach, SC-NC
34940	Naples-Immokalee-Marco Island, FL
34980	Nashville-Davidson-Murfreesboro, TN
35300	New Haven-Milford, CT
35380	New Orleans-Metairie, LA
35620	New York-Newark- Jersey City, NY-NJ-PA (White Plains central city recoded to balance of metropolitan)
35660	Niles-Benton Harbor, MI
35840	North Port-Sarasota-Bradenton, FL
35980	Norwich-New London, CT
36100	Ocala, FL
36220	Odessa, TX
36260	Ogden-Clearfield, UT
36420	Oklahoma City, OK
36540	Omaha-Council Bluffs, NE-IA
36740	Orlando, FL
36780	Oshkosh-Neenah, WI
37100	Oxnard-Thousand Oaks-Ventura, CA
37340	Palm Bay-Melbourne-Titusville, FL

37460	Panama City, FL
37860	Pensacola-Ferry Pass-Brent, FL
37900	Peoria, IL
37980	Philadelphia-Camden-Wilmington, PA-NJ-DE
38060	Phoenix-Mesa-Scottsdale, AZ
38220	Pine Bluff, AR
38300	Pittsburgh, PA
38860	Portland-South Portland, ME
38900	Portland-Vancouver-Hillsboro, OR-WA
38940	Port St. Lucie-Fort Pierce, FL
39140	Prescott, AZ
39300	Providence-Warwick, RI-MA
39340	Provo-Orem, UT
39540	Racine, WI
39580	Raleigh, NC
39740	Reading, PA
39820	Redding, CA
40060	Richmond, VA
40140	Riverside-San Bernardino-Ontario, CA
40220	Roanoke, VA
40380	Rochester, NY
40420	Rockford, IL
40900	Sacramento--Arden-Arcade--Roseville, CA
40980	Saginaw, MI
41100	St. George, UT
41180	St. Louis, MO-IL
41420	Salem, OR
41500	Salinas, CA
41540	Salisbury, MD
41620	Salt Lake City, UT
41700	San Antonio, TX
41740	San Diego-Carlsbad-San Marcos, CA
41860	San Francisco-Oakland-Fremont, CA
41940	San Jose-Sunnyvale-Santa Clara, CA
42020	San Luis Obispo-Paso Robles, CA
42100	Santa Cruz-Watsonville, CA
42140	Santa Fe, NM
42200	Santa Maria-Santa Barbara, CA
42220	Santa Rosa-Petaluma, CA
42340	Savannah, GA
42540	Scranton--Wilkes-Barre, PA
42660	Seattle-Tacoma-Bellevue, WA
43300	Sherman-Dennison, TX
43340	Shreveport-Bossier City, LA
43620	Sioux Falls, SD
43780	South Bend-Mishawaka, IN-MI

43900	Spartanburg, SC
44060	Spokane-Spokane Valley, WA
44100	Springfield, IL
44140	Springfield, MA
44180	Springfield, MO
44700	Stockton-Lodi, CA
45060	Syracuse, NY
45220	Tallahassee, FL
45300	Tampa-St. Petersburg-Clearwater, FL
45460	Terre Haute, IN
45780	Toledo, OH
45820	Topeka, KS
45940	Trenton, NJ
46060	Tucson, AZ
46140	Tulsa, OK
46340	Tyler, TX
46520	Urban Honolulu, HI
46540	Utica-Rome, NY
46700	Vallejo-Fairfield, CA
47220	Vineland-Bridgeton, NJ
47260	Virginia Beach-Norfolk-Newport News, VA-NC
47300	Visalia-Porterville, CA
47380	Waco, TX
47580	Warner Robins, GA
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
47940	Waterloo-Cedar Falls, IA
48060	Watertown-Fort Drum, NY
48140	Wausau, WI
48620	Wichita, KS
48660	Wichita Falls, TX
48700	Williamsport, PA
49020	Winchester, VA-WV
49180	Winston-Salem, NC
49340	Worcester, MA-CT
49620	York-Hanover, PA
49660	Youngstown-Warren-Boardman, OH-PA
49740	Yuma, AZ

LIST 2: FIPS Consolidated Statistical Area (CSA) Codes

The following CSA's (Combined Statistical Areas) contain 2 or more Metropolitan Statistical Areas that are in the CPS sample and are individually identified on the public use files. Micropolitan Statistical Areas are not specifically identified in the CPS and are not used to identify CSA's nor are parts of such areas coded as belonging to CSA's. The component CBSA's identified on the CPS Public Use Files are listed for each CSA.

CSA Code	CBSA Code	CSA Title Component Parts (CBSA's)
104	10580 24020	Albany-Schenectady, NY Albany-Schenectady-Troy, NY Glen Falls, NY
106	10740 42140	Albuquerque-Santa Fe-Las Vegas, NM Albuquerque, NM Santa Fe, NM
118	11540 36780	Appleton-Oshkosh-Neenah, WI Appleton, WI Oshkosh-Neenah, WI
122	12020 12060 23580	Atlanta--Athens-Clarke County—Sandy Springs, GA Athens-Clarke County, GA Atlanta-Sandy Springs-Roswell, GA Gainesville, GA
148	12700 14460 31700 39300 49340	Boston-Worcester-Providence, MA-RI-NH-CT Barnstable Town, MA Boston-Cambridge-Newton-MA-NH Manchester-Nashua, NH Providence-Warwick, RI-MA Worcester, MA-CT
162	15980 34940	Cape Coral-Fort Myers-Naples, FL Cape Coral, FL Naples-Immokalee-Marco Island, FL

168	16300 26980	Cedar Rapids-Iowa City, IA Cedar Rapids, IA Iowa City, IA
170	16620 26580	Charleston-Huntington-Ashland, WV-OH-KY Charleston, WV Huntington-Ashland, WV-KY-OH
174	16860 17420	Chattanooga-Cleveland-Dalton, TN-GA Chattanooga, TN-GA Cleveland, TN
184	10420 15940 17460	Cleveland-Akron-Canton, OH (part) Akron, OH Canton-Massillon, OH Cleveland-Elyria-Mentor, OH
194	12220 17980	Columbus-Auburn-Opelika, GA-AL Auburn-Opelika, AL Columbus, GA
206	19100 43300	Dallas-Fort Worth, TX-OK Dallas-Fort Worth-Arlington, TX Sherman-Dennison, TX
216	14500 19740 24540	Denver-Aurora, CO Boulder, CO Denver-Aurora-Lakewood, CO Greeley, CO
220	11460 19820 22420 33780	Detroit-Warren-Ann Arbor, MI Ann Arbor, MI Detroit-Warren-Dearborn, MI Flint, MI Monroe, MI
238	21340 29740	El Paso-Las Cruces, TX-NM El Paso, TX Las Cruces, NM
266	24340 34740	Grand Rapids-Wyoming-Muskegon, MI Grand Rapids-Wyoming, MI Muskegon-Norton Shores, MI

268		Greensboro--Winston-Salem--High Point, NC
	15500	Burlington, NC
	24660	Greensboro-High Point, NC
	49180	Winston-Salem, NC
273		Greenville-Spartanburg-Anderson, SC
	24860	Greenville-Anderson-Mauldin, SC
	43900	Spartanburg, SC
276		Harrisburg-York-Lebanon, PA
	25420	Harrisburg-Carlisle, PA
	49620	York-Hanover, PA
278		Hartford-West Hartford, CT
	25540	Hartford-West Hartford-East Hartford, CT
	35980	Norwich-New London, CT
304		Johnson City-Kingsport-Bristol, TN-VA (part)
	27740	Johnson City, TN
	28700	Kingsport-Bristol, TN-VA
310		Kalamazoo-Battle Creek-Portage, MI
	12980	Battle Creek, MI
	28020	Kalamazoo-Portage, MI
340		Little Rock-North Little Rock, AR
	30780	Little Rock-North Little Rock-Conway, AR
	38220	Pine Bluff, AR
348		Los Angeles-Long Beach-Riverside, CA
	31080	Los Angeles-Long Beach-Santa Ana, CA
	37100	Oxnard-Thousand Oaks-Ventura, CA
	40140	Riverside-San Bernardino-Ontario, CA
356		Macon-Warner Robins-Fort Valley, GA
	31420	Macon, GA
	47580	Warner Robins, GA
357		Madison-Janesville-Beloit, WI
	27500	Janesville-Beloit, WI
	31540	Madison, WI
370		Miami-Fort Lauderdale-Port St. Lucie, FL
	33100	Miami-Fort Lauderdale-West Palm Beach, FL
	38940	Port St. Lucie-Fort Pierce, FL

376		Milwaukee-Racine-Waukesha, WI
	33340	Milwaukee-Waukesha-West Allis, WI
	39540	Racine, WI
380		Mobile-Daphne-Fairhope, AL
	19300	Daphne-Fairhope, AL
	33660	Mobile, AL
408		New York-Newark-Bridgeport, NY-NJ-CT-PA
	10900	Allentown-Bethlehem-Easton, PA-NJ
	14860	Bridgeport-Stamford-Norwalk, CT
	20700	East Stroudsburg, PA
	35300	New Haven-Milford, CT
	35620	New York-Newark-Jersey City, NY-NJ-PA
	45940	Trenton, NJ
422		Orlando-Deltona-Daytona Beach, FL
	19660	Deltona-Daytona Beach-Ormond Beach, FL
	36740	Orlando-Kissimmee-Sanford, FL
428		Philadelphia-Reading-Camden, PA-NJ-DE-MD
	12100	Atlantic City-Hammonton, NJ
	20100	Dover, DE
	37980	Philadelphia-Camden-Wilmington, PA-NJ-DE-MD
	39740	Reading, PA
	47220	Vineland-Bridgeton, NJ
438		Portland-Lewiston-South Portland, ME
	30340	Lewiston-Auburn, ME
	38860	Portland-South Portland, ME
440		Portland-Vancouver-Salem, OR-WA
	38900	Portland-Vancouver-Hillsboro, OR-WA
	41420	Salem, OR
450		Raleigh-Durham-Cary, NC
	20500	Durham-Chapel Hill, NC
	39580	Raleigh, NC
482		Salt Lake City-Provo-Orem, UT
	36260	Ogden-Clearfield, UT
	39340	Provo-Orem, UT
	41620	Salt Lake City, UT

488		San Jose-San Francisco-Oakland, CA
	41860	San Francisco-Oakland-Hayward, CA
	41940	San Jose-Sunnyvale-Santa Clara, CA
	42100	Santa Cruz-Watsonville, CA
	42220	Santa Rosa, CA
	44700	Stockton-Lodi, CA
	46700	Vallejo-Fairfield, CA
500		Seattle-Tacoma-Olympia, WA
	34580	Mount Vernon-Anacortes, WA
	42660	Seattle-Tacoma-Bellevue, WA
515		South Bend-Elkhart-Mishawaka, IN-MI
	21140	Elkhart-Goshen, IN
	35660	Niles-Benton Harbor, MI
	43780	South Bend-Mishawaka, IN-MI
518		Spokane-Spokane Valley-Coeur d'Alene, WA-ID
	17660	Coeur d'Alene, ID
	44060	Spokane-Spokane Valley, WA
546		Visalia-Porterville-Hanford, CA
	25260	Hanford-Corcoran, CA
	47300	Visalia-Porterville, CA
548		Washington-Baltimore-Arlington, DC-MD-VA-WV-PA
	12580	Baltimore-Columbia-Towson, MD
	15680	California-Lexington Park, MD
	16540	Chambersburg-Waynesboro, PA
	25180	Hagerstown-Martinsburg, MD-WV
	47900	Washington-Arlington-Alexandria, DC-VA-MD-WV
	49020	Winchester, VA-WV

List 3: Individual Principal Cities

Please Note: You must use the CBSA code in combination with the city code to uniquely identify principal cities. If a county name is provided, you must incorporate the county code into any algorithm used to tabulate a specific city's characteristics. The same applies to state codes for multi-state CBSA's.

CBSA Code	Title City	GTINDVPC
38060	Phoenix-Mesa-Scottsdale, AZ	
	Phoenix	1
	Mesa	2
	Scottsdale	3
	Tempe	4
	Glendale	5
30780	Little Rock-North Little Rock-Conway, AR	
	Little Rock	1
31080	Los Angeles-Long Beach-Anaheim, CA	
	Los Angeles County	
	Los Angeles	1
	Long Beach	2
	Glendale	3
	Pomona	4
	Torrance	5
	Pasadena	6
	Burbank	7
	Orange County	
	Santa Ana	1
	Anaheim	2
	Irvine	3
	Orange	4
	Fullerton	5
	Costa Mesa	6
37100	Oxnard-Thousand Oaks-Ventura, CA	
	Oxnard	1
	Thousand Oaks	2

40140	Riverside-San Bernardino-Ontario, CA	
	Riverside	1
	San Bernardino	2
	Ontario	3
	Temecula	4
	Victorville	5
40900	Sacramento–Roseville-Arden-Arcade, CA	
	Sacramento	1
	Roseville	2
41740	San Diego-Carlsbad, CA	
	San Diego	1
	Carlsbad	2
41860	San Francisco-Oakland-Hayward, CA	
	San Francisco	1
	Alameda County	
	Oakland	1
	Fremont	2
	Hayward	3
	Berkeley	4
41940	San Jose-Sunnyvale-Santa Clara, CA	
	San Jose	1
	Sunnyvale	2
	Santa Clara	3
46700	Vallejo-Fairfield, CA	
	Vallejo	1
	Fairfield	2
19740	Denver-Aurora-Lakewood, CO	
	Denver	1
	Lakewood	2
14860	Bridgeport-Stamford-Norwalk, CT	
	Bridgeport	1
	Stamford	2
25540	Hartford-West Hartford-East Hartford, CT	
	Hartford	1

33100	Miami-Fort Lauderdale-West Palm Beach, FL	
	Broward County	
	Fort Lauderdale	1
	Miami-Dade County	
	Miami	1
36740	Orlando-Kissimmee-Sanford, FL	
	Orlando	1
37340	Palm Bay-Melbourne-Titusville, FL	
	Palm Bay	1
45300	Tampa-St. Petersburg-Clearwater, FL	
	St. Petersburg	1
	Tampa	2
12060	Atlanta-Sandy Springs-Roswell, GA	
	Atlanta	1
16980	Chicago-Naperville-Elgin, IL-IN-WI	
	Chicago	1
	Naperville	2
	Joliet	3
	Elgin	4
26900	Indianapolis-Carmel-Anderson, IN	
	Indianapolis	1
28140	Kansas City, MO-KS	
	Kansas portion	
	Kansas City	1
	Overland Park	2
	Missouri portion	
	Kansas City	1
35380	New Orleans-Metairie, LA	
	New Orleans	1
	Metairie	2
12580	Baltimore-Columbia-Towson, MD	
	Baltimore	1

14460	Boston-Cambridge-Newton, MA-NH	
	Massachusetts portion	
	Boston	1
	Cambridge	2
19820	Detroit-Warren-Dearborn, MI	
	Wayne County	
	Detroit	1
	Macomb County	
	Warren	1
33460	Minneapolis-St. Paul-Bloomington, MN-WI	
	Minneapolis	1
	St. Paul	2
29820	Las Vegas-Henderson--Paradise, NV	
	Las Vegas	1
	Paradise	2
	Henderson	3
35620	New York-Newark- Jersey City, NY-NJ-PA	
	New Jersey portion	
	Newark	1
	Jersey City	2
	New York portion	
	New York	1
15380	Buffalo-Cheektowaga-Niagara Falls, NY	
	Buffalo	1
16740	Charlotte -Concord-Gastonia, NC-SC	
	Charlotte	1
38900	Portland-Vancouver-Hillsboro, OR-WA	
	Portland	1
34980	Nashville-Davidson—Murfreesboro—Franklin, TN	
	Nashville-Davidson	1

19100	Dallas-Fort Worth-Arlington, TX	
	Dallas	1
	Fort Worth	2
	Carrollton	3
	Plano	4
	Irving	5
	Arlington	6
26420	Houston-The Woodlands-Sugar Land, TX	
	Houston	1
32580	McAllen-Edinburg-Mission, TX	
	McAllen	1
47260	Virginia Beach-Norfolk-Newport News, VA-NC	
	Virginia portion	
	Virginia Beach	1
	Norfolk	2
	Newport News	3
47900	Washington-Arlington-Alexandria, DC-VA-MD-WV	
	Washington	1
	Arlington	2
42660	Seattle-Tacoma-Bellevue, WA	
	Seattle	1
	Tacoma	2
	Bellevue	3
	Everett	4
33340	Milwaukee-Waukesha-West Allis, WI	
	Milwaukee	1

List 4: FIPS County Codes

Please note that these county codes must be used in conjunction with state codes to create unique county identifiers as county codes start with 001 in each state. Counties are only included on this list if the entire county is identified.

FIPS County Code	County Name	State
Alabama		
003	Baldwin	
081	Lee	
097	Mobile	
Arizona		
013	Maricopa	
019	Pima	
021	Pinal	
025	Yavapai	
027	Yuma	
California		
001	Alameda	
007	Butte	
019	Fresno	
029	Kern	
031	Kings	
037	Los Angeles	
053	Monterey	
059	Orange	
067	Sacramento	
073	San Diego	
075	San Francisco	
079	San Luis Obispo	
081	San Mateo	
083	Santa Barbara	
087	Santa Cruz	
089	Shasta	
095	Solano	
097	Sonoma	
099	Stanislaus	

107	Tulare
111	Ventura

Colorado

013	Boulder
031	Denver
059	Jefferson
069	Larimer
123	Weld

Connecticut

001	Fairfield
005	Litchfield*
009	New Haven
011	New London
015	Windham

Delaware

001	Kent
003	New Castle
005	Sussex

District of Columbia

001	District of Columbia
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Florida

005	Bay
009	Brevard
011	Broward
019	Clay
021	Collier
033	Escambia
053	Hernando
057	Hillsborough
069	Lake
071	Lee
083	Marion
085	Martin
086	Miami-Dade
095	Orange
099	Palm Beach

101	Pasco
103	Pinellas
105	Polk
109	St. Johns
111	St. Lucie
113	Santa Rosa

Georgia

015	Bartow
045	Carroll
057	Cherokee
063	Clayton
077	Coweta
097	Douglas
113	Fayette
117	Forsythe
135	Gwinnett
139	Hall
151	Henry
223	Paulding

Hawaii

003	Honolulu
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Illinois

097	Lake
111	McHenry
119	Madison
163	St. Clair
179	Tazewell

Indiana

019	Clark
039	Elkhart
063	Hendricks
081	Johnson
089	Lake
105	Monroe
141	St. Joseph
157	Tippecanoe

Iowa

103	Johnson
113	Linn
163	Scott

Kansas

091	Johnson
173	Sedgwick

Kentucky

015	Boone
067	Fayette
111	Jefferson
117	Kenton

Louisiana

005	Ascension
033	East Baton Rouge
051	Jefferson
063	Livingston
071	Orleans
073	Ouachita
103	St. Tammany

Maine

001	Androscoggin
005	Cumberland
011	Kennebec*
019	Penobscot

Maryland

003	Anne Arundel
013	Carroll
015	Cecil
017	Charles
025	Harford
031	Montgomery
033	Prince Georges
037	St. Mary's
510	Baltimore City

Massachusetts

001	Barnstable
005	Bristol
013	Hampden
015	Hampshire
017	Middlesex
023	Plymouth
025	Suffolk
027	Worcester

Michigan

005	Allegan*
021	Berrien
025	Calhoun
049	Genesee
075	Jackson
081	Kent
093	Livingston
099	Macomb
115	Monroe
121	Muskegon
125	Oakland
145	Saginaw
161	Washtenaw
163	Wayne

Minnesota

003	Anoka
123	Ramsey
139	Scott
163	Washington
171	Wright

Missouri

071	Franklin
099	Jefferson
189	St. Louis

Montana

111	Yellowstone
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Nebraska

055 Douglas

Nevada

003 Clark

New Hampshire

011 Hillsborough
013 Merrimack*
015 Rockingham
017 Strafford

New Jersey

003 Bergen
005 Burlington
007 Camden
011 Cumberland
013 Essex
017 Hudson
019 Hunterdon
021 Mercer
023 Middlesex
027 Morris
031 Passaic
035 Somerset
037 Sussex
039 Union

New Mexico

001 Bernalillo
013 Dona Ana
045 San Juan
049 Santa Fe

New York

005 Bronx
045 Jefferson
047 Kings
055 Monroe
059 Nassau

061	New York
067	Onondaga
069	Ontario
071	Orange
081	Queens
085	Richmond
087	Rockland
091	Saratoga
103	Suffolk
119	Westchester

North Carolina

001	Alamance
021	Buncombe
057	Davidson
067	Forsyth
119	Mecklenburg
133	Onslow
147	Pitt
155	Robeson*
159	Rowan
179	Union
191	Wayne

Ohio

025	Clermont
057	Greene
085	Lake
089	Licking
095	Lucas
103	Medina
109	Miami
113	Montgomery
133	Portage
153	Summit

Oregon

017	Deschutes
029	Jackson
039	Lane

Pennsylvania

003	Allegheny
007	Beaver
011	Berks
017	Bucks
019	Butler
021	Cambria
029	Chester
043	Dauphin
045	Delaware
049	Erie
055	Franklin
071	Lancaster
081	Lycoming
085	Mercer
089	Monroe
091	Montgomery
101	Philadelphia
107	Schuylkill*
125	Washington
129	Westmoreland
133	York

South Carolina

041	Florence
051	Horry
083	Spartanburg
091	York

Tennessee

009	Blount
093	Knox
125	Montgomery
165	Sumner
189	Wilson

Texas

041	Brazos
061	Cameron
135	Ector
139	Ellis
181	Grayson
183	Gregg
215	Hidalgo

251	Johnson
303	Lubbock
309	McLennan
423	Smith
441	Taylor
479	Webb
485	Wichita

Utah

053	Washington
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Virginia

013	Arlington
041	Chesterfield
087	Henrico
107	Loudoun
153	Prince William
177	Spotsylvania
179	Stafford
550	Chesapeake City
700	Newport News City
710	Norfolk City
760	Richmond City
810	Virginia Beach City

Washington

057	Skagit
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West Virginia

039	Kanawha
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Wisconsin

059	Kenosha
073	Marathon
101	Racine
105	Rock
139	Winnebago

*** Counties marked with an asterisk (*) are also single county Micropolitan Statistical Areas. They are not otherwise identified on the files. A list of such areas on the files is as follows:**

CBSA Code	Title	County Name	County Code
12300	Augusta-Waterville, ME	Kennebec	005
18180	Concord, NH	Merrimack	011
26090	Holland, MI	Allegan	005
31300	Lumberton, NC	Robeson	155
39060	Pottsville, PA	Schuylkill	107
45860	Torrington, CT	Litchfield	005

APPENDIX G

ASCII File Record Layouts

Household Record

HRECORD	1	1	(1:1)
FILEDATE	6	2	()
H_HHNUM	1	8	(1:8)
H_IDNUM	20	9	(NA)
H_SEQ	5	29	(00001:99999)
HSUP_WGT	8	34	(00000000:999999999)
GEDIV	1	42	(0:9)
GEREG	1	43	(1:4)
GESTFIPS	2	44	(1:56)
GTCBSA	5	46	(00000:79600)
GTCBSAST	1	51	(1:4)
GTCBSASZ	1	52	(0:7)
GTCO	3	53	(000:810)
GTCSA	3	56	(000:720)
GTINDVPC	1	59	(0:7)
GTMETSTA	1	60	(1:3)
H_HHTYPE	1	61	(1:3)
H_LIVQRT	2	62	(01:12)
H_MIS	1	64	(1:8)
HEFAMINC	2	65	(-1:16)
HH5TO18	2	67	(0:16)
HHSTATUS	1	69	(0:3)
HNUMFAM	2	70	(00:16)
HRHTYPE	2	72	(00:10)
HUNDER15	2	74	(0:16)
HUNDER18	2	76	(0:16)
HUNITS	1	78	(0:5)
I_HUNITS	1	79	(0:1)
H_MONTH	2	80	(03:03)
H_NUMPER	2	82	(0:16)
H_RESPNM	2	84	(0:16)
H_TELAVL	1	86	(0:2)
H_TELHHD	1	87	(0:2)
H_TELINT	1	88	(0:1)
H_TENURE	1	89	(0:3)
H_TYPEBC	2	90	(0:19)
H_YEAR	4	92	(1999:2999)
H1LIVQRT	1	96	(0:7)
H1TELAVL	1	97	(0:4)
H1TELHHD	1	98	(0:4)
H1TELINT	1	99	(0:4)

H1TENURE	1	100	(0:4)
HHINC	2	101	(0:41)
HPCTCUT	2	103	(0:20)
HTOP5PCT	1	105	(0:2)
HTOTVAL	8	106	(-999999:99999999)
HEARNVAL	8	114	(-999999:99999999)
HFRVAL	7	122	(-999999:99999999)
HINC_FR	1	129	(0:2)
HINC_SE	1	130	(0:2)
HINC_WS	1	131	(0:2)
HSEVAL	7	132	(-999999:99999999)
HWSVAL	7	139	(0:9999999)
HANN_YN	7	146	(0:2)
HANNVAL	7	153	(0:999999)
HCSP_YN	1	160	(0:2)
HCSPVAL	7	161	(0:9999999)
HDIS_YN	1	168	(0:2)
HDISVAL	7	169	(0:9999999)
HDIV_YN	1	176	(0:2)
HDIVVAL	7	177	(0:9999999)
HDST_YN	7	184	(0:2)
HDSTVAL	7	191	(0:9999999)
HED_YN	1	198	(0:2)
HEDVAL	7	199	(0:9999999)
HFIN_YN	1	206	(0:2)
HFINVAL	7	207	(0:9999999)
HINC_UC	1	214	(0:2)
HINC_WC	1	215	(0:2)
HINT_YN	1	216	(0:2)
HINTVAL	7	217	(0:9999999)
HOI_YN	1	224	(0:2)
HOIVAL	7	225	(0:9999999)
HOTHVAL	8	232	(-999999:99999999)
HPAW_YN	1	240	(0:2)
HPAWVAL	6	241	(0:99999999)
HPEN_YN	1	247	(0:2)
HPENVAL	7	248	(0:9999999)
HRNT_YN	1	255	(0:2)
HRNTVAL	7	256	(-999999:99999999)
HSS_YN	1	263	(0:2)
HSSI_YN	1	264	(0:2)
HSSIVAL	6	265	(0:9999999)
HSSVAL	7	271	(0:9999999)
HSUR_YN	1	278	(0:2)
HSURVAL	7	279	(0:99999999)
HUCVAL	7	286	(0:9999999)
HVET_YN	1	293	(0:2)
HVETVAL	7	294	(0:9999999)

HWCVAL	7	301	(0:99999999)
HBBSUB_MNTH	2	308	(0:12)
HBBSUB_YN	1	310	(0:2)
HENGAST	1	311	(0:2)
HENGVAL	5	312	(0:10000)
HFDVAL	5	317	(0:30000)
HFLUNCH	1	322	(0:2)
HFLUNNO	1	323	(0:9)
HFOODMO	2	324	(0:12)
HFOODNO	1	326	(0:9)
HFOODSP	1	327	(0:2)
HHOTLUN	1	328	(0:2)
HHOTNO	1	329	(0:9)
HLORENT	1	330	(0:2)
HPEBT_YN	1	331	(0:2)
HPUBLIC	1	332	(0:2)
HRNUMWIC	2	333	(0:16)
HRWICYN	1	335	(0:2)
HCHCARE_VAL	6	336	(-1:9999999)
HCHCARE_YN	1	342	(0:2)
HPRES_MORT	1	343	(0:2)
HPROP_VAL	8	344	(-1:99999999)
I_CHCAREVAL	1	352	(0:1)
I_HBBSUBMNTH	1	353	(0:1)
I_HBBSUBYN	1	354	(0:1)
I_HENGAS	1	355	(0:1)
I_HENGVA	1	356	(0:2)
I_HFDVAL	1	357	(0:2)
I_HFLUNC	1	358	(0:1)
I_HFLUNN	1	359	(0:1)
I_HFOODM	1	360	(0:2)
I_HFOODN	1	361	(0:1)
I_HFOODS	1	362	(0:1)
I_HHOTLU	1	363	(0:1)
I_HHOTNO	1	364	(0:1)
I_HLOREN	1	365	(0:1)
I_HPEBTYN	1	366	(0:1)
I_HPUBLI	1	367	(0:1)
I_PROPVAL	1	368	(0:4)
THCHCARE_VAL	1	369	(0:1)
THPROP_VAL	1	370	(0:1)
HCOV	1	371	(1:3)
NOW_HCOV	1	372	(1:3)
HPUB	1	373	(1:3)
NOW_HPUB	1	374	(1:3)
HPRIV	1	375	(1:3)
NOW_HPRIV	1	376	(1:3)
HMCAID	1	377	(1:3)

NOW_HMCAID	1	378	(1:3)
HH_HI_UNIV	1	379	(1:3)

Family Record

FRECORD	1	1	(2:2)
FFPOS	2	2	(01:16)
FH_SEQ	5	4	(00001:99999)
FILEDATE	6	9	()
FHEADIDX	2	15	(1:16)
FLASTIDX	2	17	(1:16)
FMLASIDX	2	19	(1:16)
FSPOUIDX	2	21	(0:16)
FSUP_WGT	8	23	(00000000:999999999)
FKIND	1	31	(1:3)
FKINDEX	1	32	(1:4)
FOWNU18	1	33	(0:9)
FOWNU6	1	34	(0:6)
FPERSONS	2	35	(1:16)
FRELU18	1	37	(0:9)
FRELU6	1	38	(0:6)
FSPANISH	1	39	(1:2)
FTYPE	1	40	(1:5)
FPCTCUT	2	41	(0:20)
FTOT_R	2	43	(0:41)
FTOTVAL	8	45	(-999999:99999999)
FEARNVAL	8	53	(-999999:99999999)
FFRVAL	7	61	(-999999:99999999)
FINC_FR	1	68	(0:2)
FINC_SE	1	69	(0:2)
FINC_WS	1	70	(0:2)
FSEVAL	7	71	(-999999:99999999)
FANNVAL	7	78	(0:99999999)
FCSPVAL	7	85	(0000000:99999999)
FDISVAL	7	92	(0000000:99999999)
FDIVVAL	7	99	(0000000:99999999)
FDSTVAL	7	106	(0000000:99999999)
FEDVAL	7	113	(0000000:99999999)
FFINVAL	7	120	(0000000:99999999)
FINC_ANN	1	127	(0:2)
FINC_CSP	1	128	(0:2)
FINC_DIS	1	129	(0:2)
FINC_DIV	1	130	(0:2)
FINC_DST	1	131	(0:2)
FINC_ED	1	132	(0:2)
FINC_FIN	1	133	(0:2)
FINC_INT	1	134	(0:2)
FINC_OI	1	135	(0:2)

FINC_PAW	1	136	(0:2)
FINC_PEN	1	137	(0:2)
FINC_RNT	1	138	(0:2)
FINC_SS	1	139	(0:2)
FINC_SSI	1	140	(0:2)
FINC_SUR	1	141	(0:2)
FINC_UC	1	142	(0:2)
FINC_VET	1	143	(0:2)
FINC_WC	1	144	(0:2)
FINTVAL	7	145	(0000000:9999999)
FOIVAL	7	152	(0000000:9999999)
FOTHVAL	8	159	(-999999:9999999)
FPAWVAL	6	167	(0000000:9999999)
FPENVAL	7	173	(0:9999999)
FRNTVAL	7	180	(-999999:9999999)
FSSIVAL	6	187	(000000:999999)
FSSVAL	7	193	(0000000:9999999)
FSURVAL	7	200	(0000000:9999999)
FUCVAL	7	207	(0000000:9999999)
FVETVAL	7	214	(0000000:9999999)
FWCVAL	7	221	(0000000:9999999)
FWSVAL	7	228	(0000000:9999999)
F_MV_FS	5	235	(0:24999)
F_MV_SL	4	240	(0:9999)
FAMLIS	2	244	(-1:4)
FPOVCUT	5	246	(-1:99999)
FRSPOV	2	251	(0:14)
FRSPCT	5	253	(0:60000)
POVLL	2	258	(-1:14)
FHIP_VAL	7	260	(0:9999999)
FHIP_VAL2	7	267	(0:9999999)
FMED_VAL	7	274	(0:9999999)
FMOOP	7	281	(0:9999999)
FMOOP2	7	288	(0:9999999)
FOTC_VAL	7	295	(0:9999999)
I_FHIPVAL	2	302	(-1:3)
I_FHIPVAL2	2	304	(-1:3)
I_FMEDVAL	2	306	(-1:3)
I_FMOOP	2	308	(-1:3)
I_FMOOP2	2	310	(-1:3)
I_FOTCVAL	2	312	(-1:3)

Person Record

PRECORD	1	1	(3:3)
A_LINENO	2	2	(01:16)
FILEDATE	6	4	()
P_SEQ	2	10	(00:16)

PERIDNUM	22	12	(NA)
PF_SEQ	2	34	(00:16)
PH_SEQ	5	36	(00000:99999)
PHF_SEQ	2	41	(01:16)
PPPOS	2	43	(41:56)
A_FAMNUM	2	45	(00:19)
A_SPOUSE	2	47	(00:16)
PECOHAB	2	49	(-1:16)
PEPAR1	2	51	(-1:16)
PEPAR2	2	53	(-1:16)
A_ERNLWT	8	55	(00000000:99999999)
A_FNLWGT	8	63	(0000000:99999999)
MARSUPWT	8	71	(0000000:99999999)
A_AGE	2	79	(00:85)
A_ENRLW	1	81	(0:2)
A_EXPRRP	2	82	(1:14)
A_FAMREL	1	84	(0:4)
A_FAMTYP	1	85	(1:5)
A_FTPT	1	86	(0:2)
A_HGA	2	87	(0:46)
A_HSCOL	1	89	(0:2)
A_MARITL	1	90	(1:7)
A_PFREL	1	91	(0:5)
A_SEX	1	92	(1:2)
AGE1	2	93	(0:17)
FL_665	1	95	(1:3)
HHDFMX	2	96	(1:51)
HHDREL	1	98	(1:8)
P_STAT	1	99	(1:3)
PARENT	1	100	(0:4)
PEAFEVER	2	101	(-1:2)
PEAFWHN1	2	103	(-1:9)
PEAFWHN2	2	105	(-1:9)
PEAFWHN3	2	107	(-1:9)
PEAFWHN4	2	109	(-1:9)
PECERT1	2	111	(0:2)
PECERT2	2	113	(0:2)
PECERT3	2	115	(0:2)
PEDISDRS	2	117	(-4:2)
PEDISEAR	2	119	(-1:2)
PEDISEYE	2	121	(-1:2)
PEDISOUT	2	123	(-1:2)
PEDISPHY	2	125	(-1:2)
PEDISREM	2	127	(-1:2)
PEFNTVTY	3	129	(-4:999)
PEHSPNON	1	132	(1:2)
PEINUSYR	2	133	(0:26)
PEMNTVTY	3	135	(-4:999)
PENATVTY	3	138	(-4:999)
PEPAR1TYP	2	141	(-1:3)

PEPAR2TYP	2	143	(-1:3)
PERRP	2	145	(40:59)
PRCITSHP	1	147	(-4:5)
PRDASIAN	2	148	(-1:7)
PRDISFLG	2	150	(-1:2)
PRDTHSP	1	152	(0:8)
PRDTRACE	2	153	(1:26)
PRPERTYP	1	155	(-4:3)
AXAGE	1	156	(0:4)
AXENRLW	1	157	(0:4)
AXFTPT	1	158	(0:4)
AXHGA	1	159	(0:4)
AXHSCOL	1	160	(0:4)
AXSEX	1	161	(0:4)
PXAFEVER	2	162	(0:53)
PXAFWHN1	2	164	(-1:53)
PXCERT1	2	166	(0:53)
PXCERT2	2	168	(0:53)
PXCERT3	2	170	(0:53)
PXCOHAB	2	172	(-1:53)
PXDISDRS	2	174	(-1:53)
PXDISEAR	2	176	(-1:53)
PXDISEYE	2	178	(-1:53)
PXDISOUT	2	180	(-1:53)
PXDISPHY	2	182	(-1:53)
PXDISREM	2	184	(-1:53)
PXFNTVTY	2	186	(0:53)
PXHSPNON	2	188	(0:53)
PXINUSYR	2	190	(0:53)
PXMARITL	2	192	(-4:53)
PXMNTVTY	2	194	(0:53)
PXNATVTY	2	196	(0:53)
PXPAR1	2	198	(-1:53)
PXPAR1TYP	2	200	(-1:53)
PXPAR2	2	202	(-1:53)
PXPAR2TYP	2	204	(-1:53)
PXRACE1	2	206	(0:53)
PXRRP	2	208	(-4:53)
A_HRS1	2	210	(-1:99)
A_MJIND	2	212	(-1:14)
A_MJOCC	2	214	(-1:11)
PEABSRSN	2	216	(0:14)
PEIO1COW	2	218	(-4:11)
PEIOIND	4	220	(0:9999)
PEIOOCC	4	224	(-1:9999)
PRDISC	1	228	(0:3)
PRUNTYPE	1	229	(0:6)
A_GRSWK	4	230	(0:2885)
A_HERNTF	1	234	(0:1)
A_HRLYWK	1	235	(0:2)

A_HRSPAY	4	236	(0:9999)
PRERELG	1	240	(0:1)
PRWERNAL	1	241	(0:1)
A_CIVLF	1	242	(0:1)
A_CLSWKR	1	243	(0:8)
A_DTIND	2	244	(0:52)
A_DTOCC	2	246	(0:23)
A_EXPLF	1	248	(0:2)
A_FTLF	1	249	(0:1)
A_LFSR	1	250	(0:7)
A_NLFLJ	1	251	(-1:7)
A_PAYABS	1	252	(0:3)
A_UNCOV	1	253	(0:2)
A_UNMEM	1	254	(0:2)
A_UNTYPE	1	255	(0:5)
A_USLFT	1	256	(0:2)
A_USLHRS	2	257	(-4:99)
A_WANTJB	1	259	(0:2)
A_WERNTF	1	260	(0:1)
A_WHENLJ	1	261	(0:5)
A_WHYABS	1	262	(0:8)
A_WKSCH	1	263	(0:4)
A_WKSLK	3	264	(0:99)
A_WKSTAT	1	267	(0:7)
PEHRUSLT	3	268	(-4:198)
PEMLR	1	271	(0:7)
PRCOW1	1	272	(0:6)
PRNLFSCH	1	273	(0:2)
PRPTREA	2	274	(0:23)
PRWKSTAT	2	276	(0:12)
AXCLSWKR	1	278	(0:4)
AXHRLYWK	1	279	(0:4)
AXHRS	1	280	(0:4)
AXLFSR	1	281	(0:4)
AXNLFLJ	1	282	(0:4)
AXPAYABS	1	283	(0:4)
AXUNCOV	1	284	(0:4)
AXUNMEM	1	285	(0:4)
AXUSLHRS	1	286	(0:4)
AXWHYABS	1	287	(0:4)
PRCITFLG	2	288	(0:53)
PRHERNAL	1	290	(0:1)
PXSPOUSE	2	291	(-4:53)
CLWK	1	293	(0:5)
EARNER	1	294	(0:2)
HRCHECK	1	295	(0:2)
HRSWK	2	296	(0:99)
INDUSTRY	4	298	(0:9999)
LJCW	1	302	(0:7)
LKNONE	1	303	(0:1)

LKSTRCH	1	304	(0:3)
LKWEEKS	2	305	(0:51)
LOSEWKS	1	307	(0:2)
NOEMP	1	308	(0:6)
NWLKWK	2	309	(0:52)
NWLOOK	1	311	(0:2)
OCCUP	4	312	(0:9999)
PHMEMPRS	1	316	(0:3)
POCCU2	2	317	(0:53)
PTRSN	1	319	(0:4)
PTWEEKS	2	320	(0:52)
PTYN	1	322	(0:2)
PYRSN	1	323	(0:6)
RSNNOTW	1	324	(0:6)
WECLW	1	325	(0:9)
WEIND	2	326	(0:23)
WELKNW	1	328	(0:7)
WEMIND	2	329	(0:15)
WEMOCG	2	331	(0:24)
WEUEMP	1	333	(0:9)
WEWKRS	1	334	(0:5)
WEXP	2	335	(0:13)
WKCHECK	1	337	(0:3)
WKSWORK	2	338	(0:52)
WORKYN	1	340	(0:2)
WRK_CK	1	341	(0:2)
WTEMP	1	342	(0:2)
I_HRCHK	1	343	(0:9)
I_HRSWK	1	344	(0:9)
I_INDUS	1	345	(0:9)
I_LJCW	1	346	(0:9)
I_LKSTR	1	347	(0:9)
I_LKWECK	1	348	(0:9)
I_LOSEWK	1	349	(0:9)
I_NOEMP	1	350	(0:9)
I_NWLKWK	1	351	(0:9)
I_NWLOOK	1	352	(0:9)
I_OCCUP	1	353	(0:9)
I_PHMEMP	1	354	(0:9)
I_PTRSN	1	355	(0:9)
I_PTWKS	1	356	(0:9)
I_PTYN	1	357	(0:9)
I_PYRSN	1	358	(0:9)
I_RSNNOT	1	359	(0:9)
I_WKCHK	1	360	(0:9)
I_WKSWK	1	361	(0:9)
I_WORKYN	1	362	(0:9)
I_WTEMP	1	363	(0:9)
ERN_OTR	1	364	(0:2)
ERN_SRCE	1	365	(0:4)

ERN_VAL	7	366	(-999999:999999)
ERN_YN	1	373	(0:2)
FRM_VAL	7	374	(-999999:999999)
FRMOTR	1	381	(0:2)
FRSE_VAL	7	382	(-999999:999999)
FRSE_YN	1	389	(0:2)
PEARINVAL	8	390	(-99999:9999999)
SE_VAL	7	398	(-99999:999999)
SEMP_VAL	7	405	(-999999:999999)
SEMP_YN	1	412	(0:2)
SEOTR	1	413	(0:2)
WAGEOTR	1	414	(0:2)
WS_VAL	7	415	(0:999999)
WSAL_VAL	7	422	(0:999999)
WSAL_YN	1	429	(0:2)
ANN_VAL	6	430	(-1:999999)
ANN_YN	1	436	(0:2)
CAP_VAL	6	437	(0:999999)
CAP_YN	1	443	(0:2)
DBTN_VAL	7	444	(0000000:999999)
DIS_CS	1	451	(0:2)
DIS_HP	1	452	(0:2)
DIS_SC1	2	453	(00:10)
DIS_SC2	2	455	(00:10)
DIS_VAL1	6	457	(0:999999)
DIS_VAL2	6	463	(00000:999999)
DIS_YN	1	469	(0:2)
DIV_VAL	6	470	(000000:999999)
DIV_YN	1	476	(0:2)
DSAB_VAL	6	477	(000000:999999)
DST_SC1	1	483	(0:7)
DST_SC1_YNG	1	484	(0:7)
DST_SC2	1	485	(0:7)
DST_SC2_YNG	1	486	(0:7)
DST_VAL1	6	487	(000000:999999)
DST_VAL1_YNG	6	493	(000000:999999)
DST_VAL2	6	499	(000000:999999)
DST_VAL2_YNG	6	505	(000000:999999)
DST_YN	1	511	(0:2)
DST_YN_YNG	1	512	(0:2)
ED_VAL	6	513	(0:999999)
ED_YN	1	519	(0:2)
FAMREL	2	520	(1:11)
FIN_VAL	6	522	(0:999999)
FIN_YN	1	528	(0:2)
INT_VAL	6	529	(0:999999)
INT_YN	1	535	(0:2)
OED_TYP1	1	536	(0:2)
OED_TYP2	1	537	(0:2)
OED_TYP3	1	538	(0:2)

OI_OFF	2	539	(0:20)
OI_VAL	6	541	(0:999999)
OI_YN	1	547	(0:2)
PEN_SC1	1	548	(0:8)
PEN_SC2	1	549	(0:8)
PEN_VAL1	6	550	(0:999999)
PEN_VAL2	6	556	(0:999999)
PEN_YN	1	562	(0:2)
PNSN_VAL	7	563	(0:9999999)
POTHVAL	8	570	(-99999:99999999)
PTOT_R	2	578	(0:41)
PTOTVAL	8	580	(-99999:99999999)
RESNSS1	1	588	(0:8)
RESNSS2	1	589	(0:8)
RESNSSI1	1	590	(0:5)
RESNSSI2	1	591	(0:5)
RETCB_VAL	5	592	(0:99999)
RETCB_YN	1	597	(0:2)
RINT_SC1	1	598	(0:7)
RINT_SC2	1	599	(0:7)
RINT_VAL1	6	600	(0:999999)
RINT_VAL2	6	606	(0:999999)
RINT_YN	1	612	(0:2)
RNT_VAL	6	613	(-9999:999999)
RNT_YN	1	619	(0:2)
SRVS_VAL	6	620	(0:999999)
SS_VAL	5	626	(0:99999)
SS_YN	1	631	(0:2)
SSI_VAL	5	632	(0:99999)
SSI_YN	1	637	(0:2)
STRKUC	1	638	(0:2)
SUBUC	1	639	(0:2)
SUR_SC1	2	640	(0:10)
SUR_SC2	2	642	(0:10)
SUR_VAL1	6	644	(00000:999999)
SUR_VAL2	6	650	(00000:999999)
SUR_YN	1	656	(0:2)
TRDINT_VAL	5	657	(0:99999)
TSURVAL1	1	662	(0:1)
TSURVAL2	1	663	(0:1)
UC_VAL	5	664	(0:99999)
UC_YN	1	669	(0:2)
VET_QVA	1	670	(0:2)
VET_TYP1	1	671	(0:2)
VET_TYP2	1	672	(0:2)
VET_TYP3	1	673	(0:2)
VET_TYP4	1	674	(0:2)
VET_TYP5	1	675	(0:2)
VET_VAL	6	676	(0:999999)
VET_YN	1	682	(0:2)

WC_TYPE	1	683	(0:4)
WC_VAL	5	684	(0:99999)
WC_YN	1	689	(0:2)
PAW_MON	2	690	(0:12)
PAW_TYP	1	692	(0:3)
PAW_VAL	5	693	(00000:99999)
PAW_YN	1	698	(0:2)
PENINCL	1	699	(0:2)
PENPLAN	1	700	(0:2)
WICYN	1	701	(0:2)
CHCARE_YN	1	702	(0:2)
CHELSEW_YN	1	703	(0:2)
CHSP_VAL	5	704	(00000:99999)
CHSP_YN	1	709	(0:2)
CSP_VAL	5	710	(0:99999)
CSP_YN	1	715	(0:2)
ACTC_CRD	5	716	(0:99999)
AGI	7	721	(-999999:9999999)
CTC_CRD	5	728	(0:99999)
DEP_STAT	2	733	(00:16)
EIT_CRED	4	735	(0:9999)
FEDTAX_AC	7	739	(-99999:9999999)
FEDTAX_BC	7	746	(0:9999999)
FICA	5	753	(0:99999)
FILESTAT	1	758	(1:6)
MARG_TAX	2	759	(00:99)
PRSWKXPNS	4	761	(0:1999)
STATETAX_A	6	765	(-9999:9999999)
STATETAX_B	6	771	(0:9999999)
TAX_ID	10	777	(000000000:999999999)
TAX_INC	7	787	(0:9999999)
I_ANNVAL	1	794	(0:9)
I_ANNYN	1	795	(0:9)
I_CAPVAL	1	796	(0:9)
I_CAPYN	1	797	(0:9)
I_CHCAREYN	1	798	(0:9)
I_CHELSEWYN	1	799	(0:9)
I_CHSPVAL	1	800	(0:9)
I_CHSPYN	1	801	(0:9)
I_CSPVAL	1	802	(0:9)
I_CSPYN	1	803	(0:9)
I_DISCS	1	804	(0:9)
I_DISHP	1	805	(0:9)
I_DISSC1	1	806	(0:9)
I_DISSC2	1	807	(0:9)
I_DISVL1	1	808	(0:9)
I_DISVL2	1	809	(0:9)
I_DISYN	1	810	(0:9)
I_DIVVAL	1	811	(0:9)
I_DIVYN	1	812	(0:1)

I_DSTSC	1	813	(0:9)
I_DSTSCCOMP	1	814	(0:9)
I_DSTVAL1COMP	2	815	(0:11)
I_DSTVAL2COMP	2	817	(0:11)
I_DSTYNCOMP	2	819	(0:11)
I_EDTYP	1	821	(0:9)
I_EDYN	1	822	(0:9)
I_ERNSRC	1	823	(0:9)
I_ERNVAL	1	824	(0:9)
I_ERNYN	1	825	(0:9)
I_FINVAL	1	826	(0:9)
I_FINYN	1	827	(0:9)
I_FRMVAL	1	828	(0:9)
I_FRMYN	1	829	(0:9)
I_INTVAL	2	830	(0:15)
I_INTYN	2	832	(0:11)
I_OEDVAL	1	834	(0:9)
I_OIVAL	1	835	(0:9)
I_PAWMO	1	836	(0:9)
I_PAWTYP	1	837	(0:9)
I_PAWVAL	1	838	(0:9)
I_PAWYN	1	839	(0:9)
I_PENINC	1	840	(0:9)
I_PENPLA	1	841	(0:9)
I_PENSC1	1	842	(0:9)
I_PENSC2	1	843	(0:9)
I_PENVAL1	1	844	(0:9)
I_PENVAL2	1	845	(0:9)
I_PENYN	1	846	(0:9)
I_RETCBVAL	1	847	(0:9)
I_RETCBYN	1	848	(0:9)
I_RINTSC	1	849	(0:9)
I_RINTVAL1	1	850	(0:9)
I_RINTVAL2	1	851	(0:9)
I_RINTYN	1	852	(0:9)
I_RNTVAL	1	853	(0:9)
I_RNTYN	1	854	(0:9)
I_SEVAL	1	855	(0:9)
I_SEYN	1	856	(0:9)
I_SSIVAL	2	857	(0:15)
I_SSIYN	2	859	(0:11)
I_SSVAL	2	861	(0:15)
I_SSYN	2	863	(0:11)
I_SURSC1	1	865	(0:9)
I_SURSC2	1	866	(0:9)
I_SURVL1	1	867	(0:9)
I_SURVL2	1	868	(0:9)
I_SURYN	1	869	(0:9)
I_UCVAL	2	870	(0:15)
I_UCYN	2	872	(0:11)

I_VETQVA	1	874	(0:9)
I_VETTP	1	875	(0:9)
I_VETVAL	2	876	(0:15)
I_VETYN	1	878	(0:9)
I_WCTYP	1	879	(0:9)
I_WCVAL	1	880	(0:9)
I_WCYN	1	881	(0:9)
I_WSVAL	1	882	(0:9)
I_WSYN	1	883	(0:9)
RESNSSA	1	884	(0:9)
RESNSSIA	1	885	(0:9)
WICYNA	1	886	(0:1)
TANN_VAL	1	887	(0:1)
TCAP_VAL	1	888	(0:1)
TCERNVAL	1	889	(0:1)
TCFFMVAL	1	890	(0:1)
TCHSP_VAL	1	891	(0:1)
TCSEVAL	1	892	(0:1)
TCSP_VAL	1	893	(0:1)
TCWSVAL	1	894	(0:1)
TDISVAL1	1	895	(0:1)
TDISVAL2	1	896	(0:1)
TDIV_VAL	1	897	(0:1)
TDST_VAL1	1	898	(0:1)
TDST_VAL1_YNG	1	899	(0:1)
TDST_VAL2	1	900	(0:1)
TDST_VAL2_YNG	1	901	(0:1)
TED_VAL	1	902	(0:1)
TFIN_VAL	1	903	(0:1)
TOI_VAL	1	904	(0:1)
TPEN_VAL1	1	905	(0:1)
TPEN_VAL2	1	906	(0:1)
TRINT_VAL1	1	907	(0:1)
TRINT_VAL2	1	908	(0:1)
TRNT_VAL	1	909	(0:1)
TTRDINT_VAL	1	910	(0:1)
PERLIS	2	911	(-1:4)
POV_UNIV	1	913	(0:1)
COV	1	914	(0:2)
COV_CYR	1	915	(0:3)
COV_MULT_CYR	1	916	(0:3)
NOCOV_CYR	1	917	(0:3)
NOW_COV	1	918	(1:2)
I_NOW_PUB	1	919	(0:3)
I_PUB	2	920	(-1:3)
NOW_PUB	1	922	(1:2)
PUB	1	923	(0:2)
PUB_CYR	1	924	(0:3)
DEPPRIV	1	925	(0:2)
I_DEPPRIV	2	926	(-1:3)

I_NOW_DEPRIV	2	928	(-1:3)
I_NOW_OUTPRIV	2	930	(-1:3)
I_NOW_OWNPRI	2	932	(-1:3)
I_NOW_PRIV	1	934	(0:3)
I_OUTPRIV	2	935	(-1:3)
I_OWNPRI	2	937	(-1:3)
I_PRIV	2	939	(-1:3)
NOW_DEPRIV	1	941	(0:2)
NOW_OUTPRIV	1	942	(0:2)
NOW_OWNPRI	1	943	(0:2)
NOW_PRIV	1	944	(1:2)
OUTPRIV	1	945	(0:2)
OWNPRI	1	946	(0:2)
PRIV	1	947	(0:2)
PRIV_CYR	1	948	(0:3)
DEPGRP	1	949	(0:2)
GRP	1	950	(0:2)
GRPFYTP	1	951	(0:2)
GRPFYTP2	1	952	(0:3)
GRPLIN1	2	953	(0:20)
GRPOUT	1	955	(0:2)
HIPAI	1	956	(0:3)
I_DEPGRP	2	957	(-1:3)
I_GRP	2	959	(-1:3)
I_GRPOUT	2	961	(-1:3)
I_HIPAI	2	963	(-1:3)
I_NOW_DEPGRP	2	965	(-1:3)
I_NOW_GRP	1	967	(0:3)
I_NOW_GRPOUT	2	968	(-1:3)
I_NOW_HIPAI	2	970	(-1:3)
I_NOW_OUTGRP	2	972	(-1:3)
I_NOW_OWNGRP	2	974	(-1:3)
I_OUTGRP	2	976	(-1:3)
I_OWNGRP	2	978	(-1:3)
NOW_DEPGRP	1	980	(0:2)
NOW_GRP	1	981	(1:2)
NOW_GRPFYTP	1	982	(0:2)
NOW_GRPFYTP2	1	983	(0:3)
NOW_GRPLIN	2	984	(0:20)
NOW_GRPOUT	1	986	(0:2)
NOW_HIPAI	1	987	(0:3)
NOW_OUTGRP	1	988	(0:2)
NOW_OWNGRP	1	989	(0:2)
OUTGRP	1	990	(0:2)
OWNGRP	1	991	(0:2)
DEPDIR	1	992	(0:2)
DIR	1	993	(0:2)
DIRFYTP	1	994	(0:2)
DIRFYTP2	1	995	(0:3)
DIRLIN1	2	996	(0:20)

DIROUT	1	998	(0:2)
I_DEPDIR	2	999	(-1:3)
I_DIR	2	1001	(-1:3)
I_DIROUT	2	1003	(-1:3)
I_NOW_DEPDIR	2	1005	(-1:3)
I_NOW_DIR	1	1007	(0:3)
I_NOW_DIROUT	2	1008	(-1:3)
I_NOW_OUTDIR	2	1010	(-1:3)
I_NOW_OWNDIR	2	1012	(-1:3)
I_OUTDIR	2	1014	(-1:3)
I_OWNDIR	2	1016	(-1:3)
NOW_DEPDIR	1	1018	(0:2)
NOW_DIR	1	1019	(1:2)
NOW_DIRFTYP	1	1020	(0:2)
NOW_DIRFTYP2	1	1021	(0:3)
NOW_DIRLIN	2	1022	(0:20)
NOW_DIROUT	1	1024	(0:2)
NOW_OUTDIR	1	1025	(0:2)
NOW_OWNDIR	1	1026	(0:2)
OUTDIR	1	1027	(0:2)
OWNDIR	1	1028	(0:2)
DEPMRK	1	1029	(0:2)
I_DEPMRK	2	1030	(-1:3)
I_MRK	2	1032	(-1:3)
I_MRKOUT	2	1034	(-1:3)
I_NOW_DEPMRK	2	1036	(-1:3)
I_NOW_MRK	1	1038	(0:3)
I_NOW_MRKOUT	2	1039	(-1:3)
I_NOW_OUTMRK	2	1041	(-1:3)
I_NOW_OWNMRK	2	1043	(-1:3)
I_OUTMRK	2	1045	(-1:3)
I_OWNMRK	2	1047	(-1:3)
MRK	1	1049	(0:2)
MRKFTYP	1	1050	(0:2)
MRKFTYP2	1	1051	(0:3)
MRKLIN1	2	1052	(0:20)
MRKOUT	1	1054	(0:2)
NOW_DEPMRK	1	1055	(0:2)
NOW_MRK	1	1056	(1:2)
NOW_MRKFTYP	1	1057	(0:2)
NOW_MRKFTYP2	1	1058	(0:3)
NOW_MRKLIN	2	1059	(0:20)
NOW_MRKOUT	1	1061	(0:2)
NOW_OUTMRK	1	1062	(0:2)
NOW_OWNMRK	1	1063	(0:2)
OUTMRK	1	1064	(0:2)
OWNMRK	1	1065	(0:2)
DEPMRKS	1	1066	(0:2)
I_DEPMRKS	2	1067	(-1:3)
I_MRKS	2	1069	(-1:3)

I_MRKSOUT	2	1071	(-1:3)
I_NOW_DEPMRKS	2	1073	(-1:3)
I_NOW_MRKS	1	1075	(0:3)
I_NOW_MRKSOUT	2	1076	(-1:3)
I_NOW_OUTMRKS	2	1078	(-1:3)
I_NOW_OWNMRKS	2	1080	(-1:3)
I_OUTMRKS	2	1082	(-1:3)
I_OWNMRKS	2	1084	(-1:3)
MRKS	1	1086	(0:2)
MRKSFTYP	1	1087	(0:2)
MRKSFTYP2	1	1088	(0:3)
MRKSLIN1	2	1089	(0:20)
MRKSOUT	1	1091	(0:2)
NOW_DEPMRKS	1	1092	(0:2)
NOW_MRKS	1	1093	(1:2)
NOW_MRKSFTYP	1	1094	(0:2)
NOW_MRKSFTYP2	1	1095	(0:3)
NOW_MRKSLIN	2	1096	(0:20)
NOW_MRKSOUT	1	1098	(0:2)
NOW_OUTMRKS	1	1099	(0:2)
NOW_OWNMRKS	1	1100	(0:2)
OUTMRKS	1	1101	(0:2)
OWNMRKS	1	1102	(0:2)
DEPMRKUN	1	1103	(0:2)
I_DEPMRKUN	2	1104	(-1:3)
I_MRKUN	2	1106	(-1:3)
I_MRKUNOUT	2	1108	(-1:3)
I_NOW_DEPMRKUN	2	1110	(-1:3)
I_NOW_MRKUN	1	1112	(0:3)
I_NOW_MRKUNOUT	2	1113	(-1:3)
I_NOW_OUTMRKUN	2	1115	(-1:3)
I_NOW_OWNMRKUN	2	1117	(-1:3)
I_OUTMRKUN	2	1119	(-1:3)
I_OWNMRKUN	2	1121	(-1:3)
MRKUN	1	1123	(0:2)
MRKUNFTYP	1	1124	(0:2)
MRKUNFTYP2	1	1125	(0:3)
MRKUNLIN1	2	1126	(0:20)
MRKUNOUT	1	1128	(0:2)
NOW_DEPMRKUN	1	1129	(0:2)
NOW_MRKUN	1	1130	(1:2)
NOW_MRKUNFTYP	1	1131	(0:2)
NOW_MRKUNFTYP2	1	1132	(0:3)
NOW_MRKUNLIN	2	1133	(0:20)
NOW_MRKUNOUT	1	1135	(0:2)
NOW_OUTMRKUN	1	1136	(0:2)
NOW_OWNMRKUN	1	1137	(0:2)
OUTMRKUN	1	1138	(0:2)
OWNMRKUN	1	1139	(0:2)
DEPNONM	1	1140	(0:2)

I_DEPNONM	2	1141	(-1:3)
I_NONM	2	1143	(-1:3)
I_NONMOUT	2	1145	(-1:3)
I_NOW_DEPNONM	2	1147	(-1:3)
I_NOW_NONM	1	1149	(0:3)
I_NOW_NONMOUT	2	1150	(-1:3)
I_NOW_OUTNONM	2	1152	(-1:3)
I_NOW_OWNNONM	2	1154	(-1:3)
I_OUTNONM	2	1156	(-1:3)
I_OWNNONM	2	1158	(-1:3)
NONM	1	1160	(0:2)
NONMFTYP	1	1161	(0:2)
NONMFTYP2	1	1162	(0:3)
NONMLIN1	2	1163	(0:20)
NONMOUT	1	1165	(0:2)
NOW_DEPNONM	1	1166	(0:2)
NOW_NONM	1	1167	(1:2)
NOW_NONMFTYP	1	1168	(0:2)
NOW_NONMFTYP2	1	1169	(0:3)
NOW_NONMLIN	2	1170	(0:20)
NOW_NONMOUT	1	1172	(0:2)
NOW_OUTNONM	1	1173	(0:2)
NOW_OWNNONM	1	1174	(0:2)
OUTNONM	1	1175	(0:2)
OWNNONM	1	1176	(0:2)
I_MCAID	2	1177	(-1:3)
I_NOW_MCAID	1	1179	(0:3)
MCAID	1	1180	(0:2)
NOW_MCAID	1	1181	(1:2)
CAID	1	1182	(0:2)
I_CAID	2	1183	(-1:3)
I_NOW_CAID	1	1185	(0:3)
MCAID_CYR	1	1186	(0:3)
NOW_CAID	1	1187	(1:2)
I_NOW_OTHMT	1	1188	(0:3)
I_OTHMT	2	1189	(-1:3)
NOW_OTHMT	1	1191	(1:2)
OTHMT	1	1192	(0:2)
I_NOW_PCHIP	1	1193	(0:3)
I_PCHIP	2	1194	(-1:3)
NOW_PCHIP	1	1196	(1:2)
PCHIP	1	1197	(0:2)
I_MCARE	2	1198	(-1:3)
I_NOW_MCARE	1	1200	(0:3)
MCARE	1	1201	(0:2)
NOW_MCARE	1	1202	(1:2)
I_IHSFLG	2	1203	(-1:3)
I_NOW_IHSFLG	1	1205	(0:3)
IHSFLG	1	1206	(0:2)
NOW_IHSFLG	1	1207	(1:2)

DEPMIL	1	1208	(0:2)
I_DEPMIL	2	1209	(-1:3)
I_MIL	2	1211	(-1:3)
I_MILOUT	2	1213	(-1:3)
I_NOW_DEPMIL	2	1215	(-1:3)
I_NOW_MIL	1	1217	(0:3)
I_NOW_MILOUT	2	1218	(-1:3)
I_NOW_OUTMIL	2	1220	(-1:3)
I_NOW_OWNMIL	2	1222	(-1:3)
I_OUTMIL	2	1224	(-1:3)
I_OWNMIL	2	1226	(-1:3)
MIL	1	1228	(0:2)
MILFTYP	1	1229	(0:2)
MILFTYP2	1	1230	(0:3)
MILLIN1	2	1231	(0:20)
MILOUT	1	1233	(0:2)
NOW_DEPMIL	1	1234	(0:2)
NOW_MIL	1	1235	(1:2)
NOW_MILFTYP	1	1236	(0:2)
NOW_MILFTYP2	1	1237	(0:3)
NOW_MILLIN	2	1238	(0:20)
NOW_MILOUT	1	1240	(0:2)
NOW_OUTMIL	1	1241	(0:2)
NOW_OWNMIL	1	1242	(0:2)
OUTMIL	1	1243	(0:2)
OWNMIL	1	1244	(0:2)
CHAMPVA	1	1245	(0:2)
I_CHAMPVA	2	1246	(-1:3)
I_NOW_CHAMPVA	1	1248	(0:3)
NOW_CHAMPVA	1	1249	(1:2)
I_NOW_VACARE	1	1250	(0:3)
I_VACARE	2	1251	(-1:3)
NOW_VACARE	1	1253	(1:2)
VACARE	1	1254	(0:2)
I_MCPREM	2	1255	(-1:2)
I_MOOP	2	1257	(-1:3)
I_MOOP2	2	1259	(-1:3)
I_PHIPVAL	2	1261	(-1:3)
I_PHIPVAL2	2	1263	(-1:3)
I_PMEDVAL	2	1265	(-1:3)
I_POTCVAL	2	1267	(-1:3)
MOOP	7	1269	(0:9999999)
MOOP2	7	1276	(0:9999999)
PEMCPREM	5	1283	(0000:99999)
PHIP_VAL	6	1288	(0:999999)
PHIP_VAL2	6	1294	(0:999999)
PMED_VAL	6	1300	(0:999999)
POTC_VAL	5	1306	(0:99999)
TPEMCPREM	1	1311	(0:1)
TPHIP_VAL	1	1312	(0:1)

TPHIP_VAL2	1	1313	(0:1)
TPMED_VAL	1	1314	(0:1)
TPOTC_VAL	1	1315	(0:1)
ESICOULD	1	1316	(0:2)
ESIELIG1	1	1317	(0:2)
ESIELIG2	1	1318	(0:2)
ESIELIG3	1	1319	(0:2)
ESIELIG4	1	1320	(0:2)
ESIELIG5	1	1321	(0:2)
ESIELIG6	1	1322	(0:2)
ESIOFFER	1	1323	(0:2)
ESITAKE1	1	1324	(0:2)
ESITAKE2	1	1325	(0:2)
ESITAKE3	1	1326	(0:2)
ESITAKE4	1	1327	(0:2)
ESITAKE5	1	1328	(0:2)
ESITAKE6	1	1329	(0:2)
ESITAKE7	1	1330	(0:2)
ESITAKE8	1	1331	(0:2)
I_ESICOULD	2	1332	(-1:3)
I_ESIELIG1	2	1334	(-1:3)
I_ESIELIG2	2	1336	(-1:3)
I_ESIELIG3	2	1338	(-1:3)
I_ESIELIG4	2	1340	(-1:3)
I_ESIELIG5	2	1342	(-1:3)
I_ESIELIG6	2	1344	(-1:3)
I_ESIOFFER	2	1346	(-1:3)
I_ESITAKE1	2	1348	(-1:3)
I_ESITAKE2	2	1350	(-1:3)
I_ESITAKE3	2	1352	(-1:3)
I_ESITAKE4	2	1354	(-1:3)
I_ESITAKE5	2	1356	(-1:3)
I_ESITAKE6	2	1358	(-1:3)
I_ESITAKE7	2	1360	(-1:3)
I_ESITAKE8	2	1362	(-1:3)
I_PECOULD	2	1364	(-1:3)
I_PEOFFER	2	1366	(-1:3)
I_PEWNELIG1	2	1368	(-1:3)
I_PEWNELIG2	2	1370	(-1:3)
I_PEWNELIG3	2	1372	(-1:3)
I_PEWNELIG4	2	1374	(-1:3)
I_PEWNELIG5	2	1376	(-1:3)
I_PEWNELIG6	2	1378	(-1:3)
I_PEWNTAKE1	2	1380	(-1:3)
I_PEWNTAKE2	2	1382	(-1:3)
I_PEWNTAKE3	2	1384	(-1:3)
I_PEWNTAKE4	2	1386	(-1:3)
I_PEWNTAKE5	2	1388	(-1:3)
I_PEWNTAKE6	2	1390	(-1:3)
I_PEWNTAKE7	2	1392	(-1:3)

I_PEWNTAKE8	2	1394	(-1:3)
PECOULD	1	1396	(0:2)
PEOFFER	1	1397	(0:2)
PEWNELIG1	1	1398	(0:2)
PEWNELIG2	1	1399	(0:2)
PEWNELIG3	1	1400	(0:2)
PEWNELIG4	1	1401	(0:2)
PEWNELIG5	1	1402	(0:2)
PEWNELIG6	1	1403	(0:2)
PEWNTAKE1	1	1404	(0:2)
PEWNTAKE2	1	1405	(0:2)
PEWNTAKE3	1	1406	(0:2)
PEWNTAKE4	1	1407	(0:2)
PEWNTAKE5	1	1408	(0:2)
PEWNTAKE6	1	1409	(0:2)
PEWNTAKE7	1	1410	(0:2)
PEWNTAKE8	1	1411	(0:2)
HEA	1	1412	(1:5)
I_HEA	2	1413	(-1:3)
SPM_Head	1	1415	(0:1)
SPM_ID	8	1416	(0000000:99999999)
SPM_ACTC	5	1424	(0:99999)
SPM_BBSUBVAL	3	1429	(0:999)
SPM_CapHouseSub	5	1432	(00000:99999)
SPM_CapWkCCXpns	6	1437	(0:999999)
SPM_ChildcareXpns	6	1443	(0:999999)
SPM_ChildSupPd	5	1449	(0:99999)
SPM_EITC	5	1454	(0:999999)
SPM_EngVal	5	1459	(0000:10000)
SPM_EquivScale	6	1464	(0.0000:3.0000)
SPM_FamType	1	1470	(1:5)
SPM_FedTax	7	1471	(-999999:9999999)
SPM_FedTaxBC	7	1478	(-999999:9999999)
SPM_FICA	6	1485	(0:999999)
SPM_GeoAdj	6	1491	(0.0000:2.0000)
SPM_Hage	2	1497	(15:85)
SPM_HHisp	1	1499	(0:1)
SPM_HMaritalStatus	1	1500	(1:7)
SPM_HRace	1	1501	(1:4)
SPM_MedXpns	7	1502	(0:9999999)
SPM_NumAdults	2	1509	(0:20)
SPM_NumKids	2	1511	(0:20)
SPM_NumPer	2	1513	(0:20)
SPM_Poor	1	1515	(0:1)
SPM_PovThreshold	6	1516	(00000:999999)
SPM_Resources	7	1522	(-999999:9999999)
SPM_SchLunch	5	1529	(0000:99999)
SPM_SNAPSub	5	1534	(00000:99999)
SPM_StTax	6	1539	(-9999:999999)
SPM_TenMortStatus	1	1545	(1:3)

SPM_Totval	7	1546	(-999999:9999999)
SPM_wCohabit	1	1553	(0:1)
SPM_Weight	7	1554	(9999:9999999)
SPM_wFoster22	1	1561	(0:1)
SPM_WICval	4	1562	(0000:9999)
SPM_WkXpns	5	1566	(0:99999)
SPM_wNewHead	1	1571	(0:1)
SPM_wNewParent	1	1572	(0:1)
SPM_wUI_LT15	1	1573	(0:1)
MIG_CBST	1	1574	(0:4)
MIG_DIV	2	1575	(0:10)
MIG_DSCP	1	1577	(0:5)
MIG_MTR1	1	1578	(0:9)
MIG_MTR3	1	1579	(0:8)
MIG_MTR4	1	1580	(0:9)
MIG_REG	1	1581	(0:5)
MIG_ST	2	1582	(0:96)
MIGSAME	1	1584	(0:3)
NXTRES	2	1585	(0:20)
I_MIG1	1	1587	(0:5)
I_MIG2	2	1588	(0:10)
I_MIG3	1	1590	(0:5)
I_NXTRES	1	1591	(0:5)

APPENDIX H

Source of the Data and Accuracy of the Estimates for the 2024 Annual Social and Economic Supplement Microdata File

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Source of the Data and Accuracy of the Estimates for the 2024 Annual Social and Economic Supplement Microdata File

SOURCE OF THE DATA

The data in this microdata file and the estimates in the reports *Income in the United States: 2023*, *Poverty in the United States: 2023*, and *Health Insurance Coverage in the United States: 2023* come from the 2024¹ Annual Social and Economic Supplement (ASEC) of the Current Population Survey (CPS). The U.S. Census Bureau conducts the CPS ASEC over a 3-month period in February, March, and April, with most of the data collection occurring in the month of March. The CPS ASEC uses two sets of questions, the basic CPS and a set of supplemental questions. The CPS, sponsored jointly by the Census Bureau and the U.S. Bureau of Labor Statistics, is the country's primary source of labor force statistics for the entire population. The Census Bureau and the U.S. Bureau of Labor Statistics also jointly sponsor the CPS ASEC.

Basic CPS. The monthly CPS collects primarily labor force data about the civilian noninstitutionalized population living in the United States. The institutionalized population, which is excluded from the universe, consists primarily of the population in correctional institutions and nursing homes (98 percent of the 4.0 million institutionalized people in the 2010 Census). Starting in August 2017, college and university dormitories were also excluded from the universe because most of the residents had usual residences elsewhere. Interviewers ask questions concerning labor force participation of each member 15 years old and older in sample households. Typically, the week containing the nineteenth of the month is the interview week. The week containing the twelfth is the reference week (i.e., the week about which the labor force questions are asked).

The CPS uses a multistage probability sample based on the results of the decennial census, with coverage in all 50 states and the District of Columbia. The sample is continually updated to account for new residential construction. When files from the most recent decennial census become available, the Census Bureau gradually introduces a new sample design for the CPS.

Every ten years, the CPS first-stage sample is redesigned² reflecting changes based on the most recent decennial census. In the first stage of the sampling process, primary sampling units (PSUs)³ were selected for sample. In the 2010 sample design, the United States was divided into 1,987 PSUs. These PSUs were then grouped into 852 strata. Within each stratum, a single PSU was chosen for the sample, with its probability of selection

¹ For clarity and consistency throughout this report, the term "collection year" is the year the data is collected (in this case, 2024), and "data year" is the year about which the data are obtained (in this case, 2023). The 2024 CPS ASEC asks questions of data year 2023, the 2023 CPS ASEC asks questions of data year 2022, etc.

² For detailed information on the 2010 sample redesign, please refer to Bureau of Labor Statistics (2014).

³ The PSUs correspond to substate areas (i.e., counties or groups of counties) that are geographically contiguous.

proportional to its population as of the most recent decennial census. In the case of strata consisting of only one PSU, the PSU was chosen with certainty.

Approximately 69,500 sampled addresses were selected from the sampling frame for the March basic CPS. Based on eligibility criteria, seven percent of these sampled addresses were sent directly to computer-assisted telephone interviewing (CATI). The remaining sampled addresses were assigned to interviewers for computer-assisted personal interviewing (CAPI).⁴ Of all addresses in sample, about 60,000 were determined to be eligible for interview. Interviewers obtained interviews at about 40,500 of the housing units at these addresses. Noninterviews occur when the occupants are not found at home after repeated calls or are unavailable for some other reason. Table 1 summarizes historical changes in the CPS design.⁵

The 2024 Annual Social and Economic Supplement. In addition to the basic CPS questions, interviewers asked supplementary questions for the CPS ASEC. They asked these questions of the civilian noninstitutionalized population and also of military personnel who live in households with at least one other civilian adult. The additional questions covered the following topics:

- Household and family characteristics.
- Marital status.
- Geographic mobility.
- Foreign-born population.
- Income from the previous calendar year.
- Work status/occupation.
- Health insurance coverage.
- Program participation.
- Educational attainment.

Including the basic CPS sample, approximately 89,500 addresses were in sample for the CPS ASEC. About 78,500 sampled addresses were determined to be eligible for interview, and about 56,500 interviews were conducted (refer to Table 1).

The additional sample for the CPS ASEC provides more reliable data than the basic CPS for Hispanic households, non-Hispanic minority households, and non-Hispanic White households with children 18 years or younger. These households were identified for sample from previous months and the following April. For more information about the households eligible for the CPS ASEC, please refer to U.S. Census Bureau (2019c).

⁴ For further information on CATI and CAPI and the eligibility criteria, please refer to U.S. Census Bureau (2019c).

⁵ Counts and estimates throughout this source and accuracy statement are rounded according to Disclosure Review Board rounding rules.

Table 1. Description of the March Basic Current Population Survey and Annual Social and Economic Supplement Sample Cases

Time period	Number of sample PSUs ^A	Basic CPS ^B sampled addresses eligible		Total (CPS ASEC ^C /ADS ^D + basic CPS) sampled addresses eligible	
		Interviewed	Not interviewed	Interviewed	Not interviewed
2024	852	40,500	19,500	56,500	22,500
2023	852	40,500	18,500	57,000	21,000
2022 ^E	852	42,500	16,500	59,000	19,000
2021	852	44,900	14,100	62,800	16,500
2020	852	43,600	16,100	60,400	19,000
2019	852	48,900	11,100	68,300	13,600
2018	852	50,800	9,900	67,900	11,500
2017	852	52,400	9,300	70,000	10,900
2016	852	52,000	9,100	69,500	10,600
2015	852	52,900	8,200	74,300	10,300
2014 Redesign ^F	824	17,200	2,200	22,700	2,600
2014 Traditional ^G	824	35,500	4,600	51,500	5,800
2014	824	52,700	6,800	--	--
2013	824	52,900	6,400	75,500	7,700
2012	824	53,300	5,800	75,100	7,200
2011	824	53,400	5,300	75,900	6,500
2010	824	54,100	4,600	77,000	5,700
2009	824	54,100	4,600	76,200	5,700
2008	824	53,800	5,100	75,900	6,400
2007	824	53,700	5,600	75,500	7,100
2006	824	54,000	5,400	76,000	7,100
2005	^H 754/824	54,400	5,700	76,500	7,500
2004	754	55,000	5,200	77,700	7,000
2003	754	55,500	4,500	78,300	6,800
2002	754	55,500	4,500	78,300	6,600
2001	754	46,800	3,200	49,600	4,300
2000	754	46,800	3,200	51,000	3,700
1999	754	46,800	3,200	50,800	4,300
1998	754	46,800	3,200	50,400	5,200
1997	754	46,800	3,200	50,300	3,900
1996	754	46,800	3,200	49,700	4,100
1995	792	56,700	3,300	59,200	3,800
1990 to 1994	729	57,400	2,600	59,900	3,100
1989	729	53,600	2,500	56,100	3,000

Table 1, cont. Description of the March Basic Current Population Survey and Annual Social and Economic Supplement Sample Cases

Time period	Number of sample PSUs ^A	Basic CPS ^B sampled addresses eligible		Total (CPS ASEC ^C /ADS ^D + basic CPS) sampled addresses eligible	
		Interviewed	Not interviewed	Interviewed	Not interviewed
1986 to 1988	729	57,000	2,500	59,500	3,000
1985	^I 629/729	57,000	2,500	59,500	3,000
1982 to 1984	629	59,000	2,500	61,500	3,000
1980 to 1981	629	65,500	3,000	68,000	3,500
1977 to 1979	614	55,000	3,000	58,000	3,500
1976	624	46,500	2,500	49,000	3,000
1973 to 1975	461	46,500	2,500	49,000	3,000
1972	^I 449/461	45,000	2,000	45,000	2,000
1967 to 1971	449	48,000	2,000	48,000	2,000
1963 to 1966	357	33,400	1,200	33,400	1,200
1960 to 1962	333	33,400	1,200	33,400	1,200
1959	330	33,400	1,200	33,400	1,200

Source: U.S. Census Bureau, Current Population Survey, 1959-2024 Annual Social and Economic Supplement.

^A PSUs are primary sampling units.

^B CPS is the Current Population Survey.

^C CPS ASEC is the Annual Social and Economic Supplement of the Current Population Survey.

^D The CPS ASEC was referred to as the Annual Demographic Supplement (ADS) until 2002.

^E Starting with 2022, the number of interviewed and not interviewed cases are rounded to the nearest 500 due to disclosure review board policy. Therefore, numbers may not sum to totals due to rounding.

^F The 2014 CPS ASEC Redesign indicates the subsample of the basic CPS households which received the redesigned ASEC questionnaire incorporating new income and health insurance questions.

^G The 2014 CPS ASEC Traditional indicates the subsample of the basic CPS households which received the same ASEC questionnaire that was used in the 2013 CPS ASEC.

^H The Census Bureau redesigned the CPS following the Census 2000. During phase-in of the new design, addresses from the new and old designs were in the sample.

^I The Census Bureau redesigned the CPS following the 1980 Decennial Census of Population and Housing.

^J The Census Bureau redesigned the CPS following the 1970 Decennial Census of Population and Housing.

Estimation Procedure. This survey's estimation procedure adjusts weighted sample results to agree with independently derived population controls of the civilian noninstitutionalized population of the United States, each state, and the District of Columbia. These population controls are prepared monthly as part of the Census Bureau's Population Estimates Program.⁶

The population controls for the nation are distributed by demographic characteristics in two ways:

- Age, sex, and race (White alone, Black alone, and all other groups combined).
- Age, sex, and Hispanic origin.

The population controls for the states are distributed by:

⁶ For additional information on population controls, including details on the demographic characteristics used and net international components, please refer to Chapters 1-3 and Appendix: History of the Current Population Survey of U.S. Census Bureau (2019c).

- Race (Black alone and all other race groups combined).
- Age (0-15, 16-44, and 45 and over).
- Sex.

The independent estimates by age, sex, race, and Hispanic origin, and for states by selected age groups and broad race categories, are developed using the basic demographic accounting formula whereby the population from the 2020 Census data is updated using data on the components of population change (births, deaths, and net international migration) with net internal migration as an additional component in the state population controls.

The net international migration component of the population controls includes:

- Net international migration of the foreign born;
- Net migration between the United States and Puerto Rico;
- Net migration of natives to and from the United States; and
- Net movement of the Armed Forces population to and from the United States.

Because the latest available information on these components lags behind the survey date, it is necessary to make short-term projections of these components to develop the estimate for the survey date.

The estimation procedure of the CPS ASEC includes a further adjustment to give married and unmarried partners the same weight.

ACCURACY OF THE ESTIMATES

A sample survey estimate has two types of error: sampling and nonsampling. The accuracy of an estimate depends on both types of error. The nature of the sampling error is known given the survey design; the full extent of the nonsampling error is unknown.

Sampling Error. Since the CPS estimates come from a sample, they may differ from figures from an enumeration of the entire population using the same questionnaires, instructions, and enumerators. For a given estimator, the difference between an estimate based on a sample and the estimate that would result if the sample were to include the entire population is known as sampling error. Standard errors, as calculated by methods described in “Standard Errors and Their Use,” are primarily measures of the magnitude of sampling error. However, the estimation of standard errors may include some nonsampling error.

Nonsampling Error. For a given estimator, the difference between the estimate that would result if the sample were to include the entire population and the true population value being estimated is known as nonsampling error. There are several sources of nonsampling error that may occur during the development or execution of the survey. It can occur because of circumstances created by the interviewer, the respondent, the survey

instrument, or the way the data are collected and processed. Some nonsampling errors, and examples of each, include:

- **Measurement error:** The interviewer records the wrong answer, the respondent provides incorrect information, the respondent estimates the requested information, or an unclear survey question is misunderstood by the respondent.
- **Coverage error:** Some individuals who should have been included in the survey frame were missed.
- **Nonresponse error:** Responses are not collected from all those in the sample or the respondent is unwilling to provide information.
- **Imputation error:** Values are estimated imprecisely for missing data.
- **Processing error:** Forms may be lost, data may be incorrectly keyed, coded, or recoded, etc.

To minimize these errors, the Census Bureau applies quality control procedures during all stages of the production process including the design of the survey, the wording of questions, the review of the work of interviewers and coders, and the statistical review of reports.

Answers to questions about money income often depend on the memory or knowledge of one person in a household. Recall problems can cause underestimates of income in survey data because it is easy to forget minor or irregular sources of income. Respondents may also misunderstand what the Census Bureau considers money income or may simply be unwilling to answer these questions correctly because the questions are considered too personal. For more details, please refer to Appendix C of U.S. Census Bureau (1993).

Two types of nonsampling error that can be examined to a limited extent are nonresponse and undercoverage.

Nonresponse. The effect of nonresponse cannot be measured directly, but one indication of its potential effect is the nonresponse rate. For the cases eligible for the 2024 ASEC, the basic CPS household-level unweighted nonresponse rate was 28.5 percent. The household-level unweighted nonresponse rate for the ASEC was an additional 17.1 percent. These two nonresponse rates lead to a combined supplement unweighted nonresponse rate of 40.7 percent.⁷

Responses are made up of complete interviews and sufficient partial interviews. A sufficient partial interview is an incomplete interview in which the household or person answered enough of the questionnaire for the supplement sponsor to consider the interview complete. The remaining supplement questions may have been edited or imputed to fill in missing values. Insufficient partial interviews are considered to be nonrespondents. Refer to the supplement overview attachment in the technical

⁷ Because the ASEC is at the household level, the overall/combined ASEC response rate is a product of the basic CPS response rate and the ASEC response rate.

documentation for the specific questions deemed critical by the sponsor as necessary to answer in order to be considered a sufficient partial interview.

As a result of sufficient partial interviews being considered responses, individual items/questions have their own response and refusal rates. As part of the nonsampling error analysis, the item response rates, item refusal rates, and edits are reviewed. For the CPS ASEC, the unweighted item refusal rates range from 0.0 percent to 2.0 percent. The unweighted item allocation rates range from 21.1 percent to 73.9 percent.

Undercoverage. The concept of coverage with a survey sampling process is defined as the extent to which the total population that could be selected for sample “covers” the survey’s target population. Missed housing units and missed people within sample households create undercoverage in the CPS. Overall CPS undercoverage for March 2024 is estimated to be about ten percent. CPS coverage varies with age, sex, and race. Generally, coverage is higher for females than for males and higher for non-Blacks than for Blacks. This differential coverage is a general problem for most household-based surveys.

The CPS weighting procedure mitigates bias from undercoverage, but biases may still be present when people who are missed by the survey differ from those interviewed in ways other than age, race, sex, Hispanic origin, and state of residence. How this weighting procedure affects other variables in the survey is not precisely known. All of these considerations affect comparisons across different surveys or data sources.

A common measure of survey coverage is the coverage ratio, calculated as the estimated population before poststratification divided by the independent population control. Table 2 shows March 2024 CPS coverage ratios by age and sex for certain race and Hispanic groups. The CPS coverage ratios can exhibit some variability from month to month.

Table 2. Current Population Survey Coverage Ratios: March 2024

Age group	Total			White alone		Black alone		Residual race^A		Hispanic^B	
	All people	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
0-15	0.85	0.85	0.84	0.91	0.90	0.69	0.61	0.78	0.79	0.80	0.81
16-19	0.80	0.82	0.78	0.85	0.82	0.72	0.62	0.75	0.76	0.84	0.80
20-24	0.79	0.81	0.77	0.81	0.80	0.69	0.61	0.92	0.82	0.88	0.76
25-34	0.82	0.82	0.81	0.87	0.86	0.58	0.58	0.84	0.82	0.87	0.85
35-44	0.89	0.87	0.91	0.91	0.95	0.66	0.70	0.85	0.93	0.85	0.94
45-54	0.92	0.90	0.94	0.93	0.99	0.75	0.76	0.84	0.82	0.78	0.94
55-64	0.93	0.90	0.96	0.93	1.00	0.76	0.84	0.80	0.84	0.86	0.97
65+	1.08	1.06	1.09	1.08	1.12	1.04	1.04	0.96	0.90	0.98	1.00
15+	0.92	0.90	0.93	0.94	0.97	0.74	0.76	0.85	0.85	0.86	0.90
0+	0.90	0.89	0.91	0.93	0.96	0.73	0.73	0.84	0.84	0.84	0.88

Source: U.S. Census Bureau, Current Population Survey, March 2024.

^A The Residual race group includes cases indicating a single race other than White or Black, and cases indicating two or more races.

^B Hispanics may be any race.

Note: For a more detailed discussion on the use of parameters for race and ethnicity, please refer to the “Generalized Variance Parameters” section.

Comparability of Data. Data obtained from the CPS and other sources are not entirely comparable. This is due to differences in interviewer training and experience and in differing survey processes.⁸ These differences are examples of nonsampling variability not reflected in the standard errors. Therefore, caution should be used when comparing results from different sources.

Data users should be aware that estimates in the reports, *Income in the United States: 2023*, *Poverty in the United States: 2023*, and *Health Insurance Coverage in the United States: 2023* use the internal CPS ASEC file. The Census Bureau must keep survey responses confidential, so disclosure avoidance techniques are applied to files prior to public release. Therefore, some estimates using the microdata files may differ from the estimates provided in the reports.

Caution should be used when comparing estimates of the Hispanic population over time. No independent population control totals for people of Hispanic origin were used before 1985.

Caution should also be used when comparing CPS ASEC results from different years. Below, more detail is provided on several reasons for caution when comparing estimates across years.

Nonresponse Bias in the CPS ASEC. Data users should exercise caution when comparing estimates for data years 2019, 2020, and 2021 from the reports or from the microdata files to those from other years due to the effects that the coronavirus (COVID-19) had on interviewing and response rates. The Census Bureau administers the CPS ASEC each year between February and April by telephone and in-person interviews, with most data collected in March. In 2020, data collection faced extraordinary circumstances due to the onset of the COVID-19 pandemic; the Census Bureau suspended in-person interviews and closed telephone contact centers. The response rate for the CPS basic household survey declined to 73 percent in March 2020, from 82 percent in March 2019. Pre-pandemic response rates were regularly above 80 percent.

Although standard collection procedures have resumed, response rates remain below pre-pandemic levels. The response rate for the CPS basic household survey was 67 percent in March 2024.⁹ Lower response rates could affect estimates if respondents differ from nonrespondents. Using administrative data, Census Bureau researchers have documented that nonrespondents in the 2020 to 2023 surveys are less similar to respondents than in

⁸ Survey processes include, but are not limited to, question wording, universe, sampling frame, interview modes, and weighting.

⁹ This response rate is specifically for the March CPS and differs from the response rate obtained using the value in the “Nonresponse” section that is for the full CPS sample that was eligible for ASEC.

earlier years.¹⁰ For more details on how sample differences and the associated nonresponse bias impact income and official poverty estimates, refer to U.S. Census Bureau (2023b). The effects of data collection issues on 2020 health insurance coverage estimates are detailed in the working paper, U.S. Census Bureau (2020).

Change in Processing System. Data users should exercise caution when comparing estimates from the CPS ASEC for data years 2018 through 2023 to estimates from earlier years. An updated data processing system was implemented beginning with data year 2018 estimates. This system introduced demographic edit changes to account for same-sex couples, revised procedures for editing income and health insurance variables, and added several new income and health insurance variables. Changes to the editing procedures encompassed both changes to the resolution of logically inconsistent data and changes to the imputation methods. The 2019 through 2024 CPS ASEC estimates for data years 2018 through 2023 can be compared to the 2018 CPS ASEC Bridge Files¹¹, which contain data year 2017 estimates, and to the 2017 CPS ASEC Research Files¹², which contain estimates for data year 2016. The 2017 Research File and the 2018 Bridge File both use the new processing system and serve as a bridge between the legacy production files and the updated processing system. Data users should be aware that the estimates from the 2017 and 2018 CPS ASEC Files for data years 2016 and 2017 using the legacy processing system are not directly comparable to estimates from the 2019 CPS ASEC through 2024 CPS ASEC.

Change in Questionnaire. In 2014, the ASEC questionnaire was redesigned to incorporate new income and health insurance questions. Due to the differences in measurement, health insurance estimates for 2014-2017 CPS ASEC for data years 2013-2016 are not directly comparable to health insurance estimates for previous years.¹³ For income and poverty estimates, when survey changes had statistically significant impacts, comparisons should be made by adjusting historical published estimates to approximate the magnitude of those impacts.¹⁴

Change in Census-Based Controls. Data users should exercise caution when comparing estimates for 2023 from the microdata file or from the ASEC reports, *Income in the United States: 2023*, *Poverty in the United States: 2023*, and *Health Insurance Coverage in the United States: 2023* (which reflect 2020 Census-based controls¹⁵), with estimates from 2020 or

¹⁰ For additional information, please refer to Rothbaum & Bee (2021), U.S. Census Bureau (2021c), U.S. Census Bureau (2022c), and U.S. Census Bureau (2023b).

¹¹ For additional information on the 2018 CPS ASEC Bridge Files, please refer to the Documentation and User Notes in U.S. Census Bureau (2019b).

¹² For additional information on the 2017 CPS ASEC Research Files, please refer to the Documentation and User Notes in U.S. Census Bureau (2019a).

¹³ For more information, refer to U.S. Census Bureau (2019d).

¹⁴ For more details on the adjustment for these comparisons, refer to U.S. Census Bureau (2019e).

¹⁵ In recent decades, the decennial census has usually provided all the data necessary to produce the population base used in the population controls. However, changes in disclosure avoidance practices and delays in the 2020 Census necessitated changes to the data sources that produce the base population for the Vintage 2021 population estimates. The updated population controls use a Blended Base that draws on the 2020 Census, 2020 Demographic Analysis Estimates, and Vintage 2020 Postcensal Population Estimates. Please refer to U.S. Census (2021d) for more information on this methodology.

earlier microdata files or ASEC Reports. Estimates from data years 2021 through 2023 (March 2022 CPS through March 2024 CPS, respectively) reflect 2020 Census-based controls. Estimates from data years 2011 through 2020 (March 2012 CPS through March 2021 CPS) reflect 2010 Census-based controls. Estimates from data years 2001 through 2010 (March 2002 CPS through March 2011 CPS) reflect 2000 Census-based controls and estimates from data years 1993 through 2000 (March 1994 CPS through March 2001 CPS) reflect 1990 Census-based controls. Ideally, the same population controls should be used when comparing any estimates. In reality, the use of the same population controls is not practical when comparing trend data over a period of 10 to 20 years. Thus, when it is necessary to combine or compare data based on different controls or different designs, data users should be aware that changes in weighting controls or weighting procedures could create small differences between estimates.

Users should also exercise caution because of changes caused by the phase-in of the 2010 Census files (refer to “Basic CPS”).¹⁶ During this time period, CPS data were collected from sample designs based on different censuses. Two features of the new CPS design have the potential of affecting estimates: (1) the temporary disruption of the rotation pattern from August 2014 through June 2015 for a comparatively small portion of the sample and (2) the change in sample areas. Most of the known effect on estimates during and after the sample redesign will be the result of changing from 2000 to 2010 geographic definitions.

Research has shown that the national-level estimates of the metropolitan and nonmetropolitan populations should not change appreciably because of the new sample design. However, users should still exercise caution when comparing metropolitan and nonmetropolitan estimates across years with a design change, especially at the state level.

A Nonsampling Error Warning. Since the full extent of the nonsampling error is unknown, one should be particularly careful when interpreting results based on small differences between estimates. The Census Bureau recommends that data users incorporate information about nonsampling errors into their analyses, as nonsampling error could impact the conclusions drawn from the results. Caution should also be used when interpreting results based on a relatively small number of cases. Summary measures (such as medians and percentage distributions) probably do not reveal useful information when computed on a subpopulation smaller than 75,000.

For additional information on nonsampling error, including the possible impact on CPS data, when known, refer to U.S. Census Bureau (2019c) and Brooks & Bailer (1978).

Estimation of Median Incomes. The Census Bureau has changed the methodology for computing median income over time. The Census Bureau has computed medians using either Pareto interpolation or linear interpolation. Currently, we are using linear interpolation to estimate all medians. Pareto interpolation assumes a decreasing density of population within an income interval, whereas linear interpolation assumes a constant density of population within an income interval.

¹⁶ The phase-in process using the 2010 Census files began April 2014.

The Census Bureau calculated estimates of median income and associated standard errors for 1979 through 1987 using Pareto interpolation if the estimate was larger than \$20,000 for people or \$40,000 for families and households. We calculated estimates of median income and associated standard errors for 1976, 1977, and 1978 using Pareto interpolation if the estimate was larger than \$12,000 for people or \$18,000 for families and households. All other estimates of median income and associated standard errors for 1976 through 2023 (2024 CPS ASEC), and almost all of the estimates of median income and associated standard errors for 1975 and earlier, were calculated using linear interpolation. Thus, use caution when comparing median incomes above \$12,000 for people or \$18,000 for families and households for different years. Median incomes below those levels are more comparable from year to year since they have always been calculated using linear interpolation. For an indication of the comparability of medians calculated using Pareto interpolation with medians calculated using linear interpolation, refer to U.S. Census Bureau (1978) and U.S. Census Bureau (1993).

Standard Errors and Their Use. A sample estimate and its standard error enable one to construct a confidence interval. A confidence interval is a range about a given estimate that has a specified probability of containing the average result of all possible samples. For example, if all possible samples were surveyed under essentially the same general conditions and using the same sample design, and if an estimate and its standard error were calculated from each sample, then approximately 90 percent of the intervals from 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the average result of all possible samples.

A particular confidence interval may or may not contain the average estimate derived from all possible samples, but one can say with the specified confidence that the interval includes the average estimate calculated from all possible samples.

Standard errors may also be used to perform hypothesis testing, a procedure for distinguishing between population parameters using sample estimates. The most common type of hypothesis is that the population parameters are different. An example of this would be comparing the percentage of men who were part-time workers to the percentage of women who were part-time workers.

Tests may be performed at various levels of significance. A significance level is the probability of concluding that the characteristics are different when, in fact, they are the same. For example, to conclude that two characteristics are different at the 0.10 level of significance, the absolute value of the estimated difference between characteristics must be greater than or equal to 1.645 times the standard error of the difference.

The Census Bureau uses 90-percent confidence intervals and 0.10 levels of significance to determine statistical validity. Consult standard statistical textbooks for alternative criteria.

The tables in *Income in the United States: 2023*, *Poverty in the United States: 2023*, and *Health Insurance Coverage in the United States: 2023* list estimates followed by a number labeled "Margin of error ($\pm$).\" This number can be added to and subtracted from the

estimates to calculate upper and lower bounds of the 90-percent confidence interval. For example, *Health Insurance Coverage in the United States: 2023* shows the numbers for health insurance. For the statement, “8.0 percent of people were uninsured for the entire calendar year,” the 90-percent confidence interval for the estimate, 8.0 percent, is 8.0 (± 0.2) percent, or 7.8 percent to 8.2 percent.¹⁷

Estimating Standard Errors. The Census Bureau uses replication methods to estimate the standard errors of CPS and ASEC estimates. These methods primarily measure the magnitude of sampling error. However, they do measure some effects of nonsampling error as well. They do not measure systematic biases in the data associated with nonsampling error. Bias is the average over all possible samples of the differences between the sample estimates and the true value.

There are two ways to calculate standard errors for the 2024 CPS ASEC microdata file.

1. Direct estimates created from replicate weighting methods;
2. Generalized variance estimates created from generalized variance function (GVF) parameters *a* and *b*.

While replicate weighting methods provide the most accurate variance estimates, this approach requires more computing resources and more expertise on the part of the user. The GVF parameters provide a method of balancing accuracy with resource usage as well as a smoothing effect on standard error estimates. For more information on calculating direct estimates, refer to the “Replicate Weighting” section. For more information on GVF estimates, refer to the “Generalized Variance Parameters” section.

The *Income in the United States: 2023*, *Poverty in the United States: 2023*, and *Health Insurance Coverage in the United States: 2023* reports use replicate weights to calculate the margins of error of the estimates seen in tables and throughout the reports. In 2009, the Census Bureau released replicate weights for the 2005 through 2009 CPS ASEC collection years and has released replicate weights for each year since with the release of the CPS ASEC public use data. Since the published GVF parameters generally underestimated standard errors, standard errors produced using direct estimates may be higher than in previous reports. For most CPS ASEC estimates, the increase in standard errors from GVF to direct estimates will not alter the findings. However, marginally significant differences using the GVF may not be significant using replicate weights.

The examples in this source and accuracy statement are for guidance calculating standard errors using the generalized variance parameters. The use of generalized variance parameters is the recommended method of calculating standard errors for data users who do not have the ability to calculate the standard errors using replicate weights.

¹⁷ Note that the confidence interval here is calculated in a different way than the confidence interval given in Illustration 3. The margin of errors within the tables in the reports are calculated using direct estimates, whereas the standard errors within the illustrations later in this document are calculated using generalized variance estimates.

Replicate Weighting. The Census Bureau is releasing public use replicate weight files for the 2024 CPS ASEC that can be matched to the microdata files.

Replicate estimates are created using each of the 160 weights independently to create 160 replicate estimates. For point estimates, multiply the replicate weights by the item of interest at the record level (either an indicator variable to determine the number of people with a characteristic or a variable that contains some value) and tally the weighted values to create the 160 replicate estimates. Use these replicate estimates in formula (1) below to calculate the total variance for the item of interest. For example, say that the item of interest is the number of males. Tally the weights for all the records that indicated male to create the 160 replicate estimates of the number of males. Then use these estimates in the formula to calculate the total variance for the number of males.

Calculate variance estimates for the estimates using:

$$\text{var}(\hat{\theta}_0) = \frac{4}{160} \sum_{i=1}^{160} (\hat{\theta}_i - \hat{\theta}_0)^2 \quad (1)$$

where $\hat{\theta}_0$ is the estimate of the statistic of interest, such as a point estimate or proportion, using the weight for the full sample, and $\hat{\theta}_i$ are the replicate estimates of the same statistic using the replicate weights. The standard error is the square root of the variance.

For more information on using replicate weights and calculating direct estimates, refer to U.S. Census Bureau (2021b).

Generalized Variance Parameters. While it is possible to estimate the standard error based on the survey data for each estimate in a report, there are a number of reasons why this is not done. A presentation of the individual standard errors would be of limited use, since one could not possibly predict all of the combinations of results that may be of interest to data users. Additionally, data users have access to CPS microdata files, and it is impossible to compute in advance the standard error for every estimate one might obtain from those data sets. Moreover, variance estimates are based on sample data and have variances of their own. Therefore, some methods of stabilizing these estimates of variance, for example, by generalizing or averaging over time, may be used to improve their reliability.

Experience has shown that certain groups of estimates have similar relationships between their variances and expected values. Modeling or generalizing may provide more stable variance estimates by taking advantage of these similarities. The GVF is a simple model that expresses the variance as a function of the expected value of the survey estimate. The parameters of the GVF are estimated using direct replicate variances. These GVF parameters provide a relatively easy method to obtain approximate standard errors for numerous characteristics.

In this source and accuracy statement:

- Tables 4 through 14 provide illustrations for calculating standard errors;

- Table 15 provides the GVF parameters for labor force estimates;
- Table 16 provides GVF parameters for characteristics from the 2024 CPS ASEC;
- Tables 17 and 18 provide correlation coefficients for comparing estimates from consecutive years;
- Table 19 provides correlation coefficients between race and subgroups; and
- Tables 20 and 21 provide factors and population controls to derive state and regional parameters.

The basic CPS questionnaire records the race and ethnicity of each respondent. With respect to race, a respondent can be White, Black, Asian, American Indian and Alaskan Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI), or combinations of two or more of the preceding. A respondent's ethnicity can be Hispanic or non-Hispanic, regardless of race.

The GVF parameters to use in computing standard errors are dependent upon the race/ethnicity group of interest. Table 3 summarizes the relationship between the race/ethnicity group of interest and the GVF parameters to use in standard error calculations.

Table 3. Estimation Groups of Interest and Generalized Variance Parameters

Race/ethnicity group of interest	Generalized variance parameters to use in standard error calculations
Total population ^A	Total
White alone, White alone or in combination (AOIC), or White non-Hispanic population ^A	White
Black alone, Black AOIC, or Black non-Hispanic population	Black
Asian alone, Asian AOIC, or Asian non-Hispanic population	Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)
AIAN alone, AIAN AOIC, or AIAN non-Hispanic population	Asian, AIAN, NHOPI
NHOPI alone, NHOPI AOIC, or NHOPI non-Hispanic population	Asian, AIAN, NHOPI
Populations from other race groups	Asian, AIAN, NHOPI
Hispanic ^B population	Hispanic ^B
Two or more races ^C – employment/unemployment and educational attainment characteristics	Black
Two or more races ^C – all other characteristics	Asian, AIAN, NHOPI

Source: U.S. Census Bureau, Current Population Survey, internal data files.

^A For standard error calculations using parameters from the CPS GVF table (Table 15), 'Total or White' should be used.

^B Hispanics may be any race.

^C Two or more races refers to the group of cases self-classified as having two or more races.

Note: The AOIC population for a race group of interest includes people reporting only the race group of interest (alone) and people reporting multiple race categories including the race group of interest (in combination).

When calculating standard errors for an estimate of interest from cross-tabulations involving different characteristics, use the set of GVF parameters for the characteristic that will give the largest standard error. If the estimate of interest is strictly from basic CPS data, the GVF parameters will come from the CPS GVF table (Table 15). If the estimate is using ASEC data, the GVF parameters will come from the ASEC GVF table (Table 16).

Standard Errors of Estimated Numbers. The approximate standard error, s_x , of an estimated number from this microdata file can be obtained by using the formula:

$$s_x = \sqrt{ax^2 + bx} \quad (2)$$

Here x is the size of the estimate, and a and b are the parameters in Table 15 or 16 associated with the particular type of characteristic.

Illustration 1

Suppose there were 2,998,000 unemployed females (ages 16 and up) in the civilian labor force. Table 4 shows how to use the appropriate parameters from Table 15 and Formula (2) to estimate the standard error and confidence interval.

Table 4. Illustration of Standard Errors of Estimated Numbers

Number of unemployed females in the civilian labor force (x)	2,998,000
a-parameter (a)	-0.000028
b-parameter (b)	2,788
Standard error	90,000
90-percent confidence interval	2,850,000 to 3,146,000

Source: U.S. Census Bureau, Current Population Survey, March 2024.

The standard error is calculated as

$$s_x = \sqrt{-0.000028 \times 2,998,000^2 + 2,788 \times 2,998,000}$$

which, rounded to the nearest thousand, is 90,000. The 90-percent confidence interval is calculated as $2,998,000 \pm 1.645 \times 90,000$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Illustration 2

Suppose there were 62,300,000 married-couple family households. Table 5 shows how to use the appropriate parameters from Table 16 and Formula (2) to estimate the standard error and confidence interval.

Table 5. Second Illustration of Standard Errors of Estimated Numbers

Number of married-couple family households (x)	62,300,000
a-parameter (a)	-0.000008
b-parameter (b)	2,587
Standard error	361,000
90-percent confidence interval	61,710,000 to 62,890,000

Source: U.S. Census Bureau, Current Population Survey, 2024 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_x = \sqrt{-0.000008 \times 62,300,000^2 + 2,587 \times 62,300,000}$$

which, rounded to the nearest thousand, is 361,000. The 90-percent confidence interval is calculated as $62,300,000 \pm 1.645 \times 361,000$.

A conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 90 percent of all possible samples.

Standard Errors of Estimated Percentages. The reliability of an estimated percentage, computed using sample data for both numerator and denominator, depends on both the size of the percentage and its base. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. When the numerator and denominator of the percentage are in different categories, use the parameter from Table 15 or 16 as indicated by the numerator.

The approximate standard error, $s_{y,p}$, of an estimated percentage can be obtained by using the formula:

$$s_{y,p} = \sqrt{\frac{b}{y}p(100 - p)} \quad (3)$$

Here y is the total number of people, families, households, or unrelated individuals in the base or denominator of the percentage, p is the percentage $100 \times x/y$ ($0 \leq p \leq 100$), and b is the parameter in Table 15 or 16 associated with the characteristic in the numerator of the percentage.

Illustration 3

The report, *Health Insurance Coverage in the United States: 2023*, shows that there were 26,440,000 out of 331,700,000 people, or 8.0 percent, who did not have health insurance. Table 6 shows how to use the appropriate parameter from Table 16 and Formula (3) to estimate the standard error and confidence interval.

Table 6. Illustration of Standard Errors of Estimated Percentages

Percentage of people without health insurance (p)	8.0
Base (y)	331,700,000
b-parameter (b)	4,825
Standard error	0.10
90-percent confidence interval	7.8 to 8.2

Source: U.S. Census Bureau, Current Population Survey, 2024 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{y,p} = \sqrt{\frac{4,825}{331,700,000} \times 8.0 \times (100.0 - 8.0)} = 0.10$$

and the 90-percent confidence interval for the estimated percentage of people without health insurance is from 7.8 to 8.2 percent (i.e., $8.0 \pm 1.645 \times 0.10$).

Standard Errors of Estimated Differences. The standard error of the difference between two sample estimates is approximately equal to

$$s_{|x_1 - x_2|} = \sqrt{s_{x_1}^2 + s_{x_2}^2 - 2rs_{x_1}s_{x_2}} \quad (4)$$

where s_{x_1} and s_{x_2} are the standard errors of the estimates, x_1 and x_2 . The estimates can be numbers, percentages, ratios, etc. Tables 17 and 18 contain the correlation coefficient, r , for CPS year-to-year comparisons for CPS poverty, income, and health insurance estimates of numbers and proportions. Table 19 contains the correlation coefficient r for making comparisons between race categories that are subsets of one another. For example, to compare the number of people in poverty who listed White as their only race to the number of people in poverty who are White alone or in combination with another race, a correlation coefficient is needed to account for the large overlap between the two groups. For making other comparisons (including race overlapping where one group is not a complete subset of the other), assume that r equals zero. Making this assumption will result in accurate estimates of standard errors for the difference between two estimates of the same characteristic in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. However, if there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

Illustration 4

Suppose there were 28,480,000 men over age 24 who were never married and 11,160,000 men over age 24 who were divorced. The apparent difference is 17,320,000. Table 7 shows how to use Formulas (2) and (4) with $r = 0$ and the appropriate parameters from Table 16 to estimate the standard errors and confidence intervals.

Table 7. Illustration of Standard Errors of Estimated Differences

	Never married (x_1)	Divorced (x_2)	Difference
Number of males over age 24	28,480,000	11,160,000	17,320,000
a-parameter (a)	-0.000008	-0.000008	-
b-parameter (b)	2,642	2,642	-
Standard error	262,000	169,000	312,000
90-percent confidence interval	28,050,000 to 28,910,000	10,880,000 to 11,440,000	16,810,000 to 17,830,000

Source: U.S. Census Bureau, Current Population Survey, 2024 Annual Social and Economic Supplement.

The standard error of the difference is calculated as

$$s_{|x_1-x_2|} = \sqrt{262,000^2 + 169,000^2}$$

which, rounded to the nearest thousand, is 312,000. The 90-percent confidence interval around the difference is calculated as $17,320,000 \pm 1.645 \times 312,000$. Since this interval does not include zero, we can conclude with 90-percent confidence that the number of never-married men over age 24 was higher than the number of divorced men over age 24.

Illustration 5

The report, *Poverty in the United States: 2023*, shows that 10,780,000 out of 71,950,000 children, or 15.0 percent, were reported as in poverty in 2022, and that 11,020,000 out of 72,220,000 children, or 15.3 percent, were in poverty in 2023. The apparent difference is 0.3 percent. Table 8 shows how to use the appropriate parameter from Table 16, the correlation coefficient from Table 18, and Formulas (3) and (4) to estimate the standard errors and confidence intervals.

Table 8. Second Illustration of Standard Errors of Estimated Differences

	2022 (x_1)	2023 (x_2)	Difference
Percentage of children in poverty (p)	15.0	15.3	0.3
Base (y)	71,950,000	72,220,000	-
b-parameter (b)	4,295 ^A	5,813	-
Correlation coefficient (r)	-	-	0.45
Standard error	0.28	0.32	0.32
90-percent confidence interval	14.5 to 15.5	14.8 to 15.8	-0.2 to 0.8

Source: U.S. Census Bureau, Current Population Survey, 2023-2024 Annual Social and Economic Supplement.

^A This value comes from the Source and Accuracy Statement for the 2023 Annual Social and Economic Supplement, Appendix H, Table 16 in U.S. Census Bureau (2023a). For additional information, refer to the "Year-to-Year Factors" section.

The standard error of the difference is calculated as

$$s_{|x_1-x_2|} = \sqrt{0.28^2 + 0.32^2 - 2 \times 0.45 \times 0.28 \times 0.32} = 0.32$$

and the 90-percent confidence interval around the difference is calculated as $0.3 \pm 1.645 \times 0.32$. Since this interval includes zero, we conclude with 90-percent confidence that the

percentage of children in poverty in 2022 is not significantly different than the percentage of children in poverty in 2023.

Standard Errors of Estimated Ratios. Certain estimates may be calculated as the ratio of two numbers. Compute the standard error of a ratio, x/y , using

$$s_{x/y} = \frac{x}{y} \sqrt{\left(\frac{s_x}{x}\right)^2 + \left(\frac{s_y}{y}\right)^2 - 2r \frac{s_x s_y}{xy}} \quad (5)$$

The standard error of the numerator, s_x , and that of the denominator, s_y , may be calculated using formulas described earlier. In Formula (5), r represents the correlation between the numerator and the denominator of the estimate.

For one type of ratio, the denominator is a count of families or households and the numerator is a count of people in those families or households with a certain characteristic. If there is at least one person with the characteristic in every family or household, use 0.7 as an estimate of r . An example of this type is the average number of children per family with children.

For all other types of ratios, r is assumed to be zero. Examples are the average number of children per family and the family poverty rate. If r is actually positive (negative), then this procedure will provide an overestimate (underestimate) of the standard error of the ratio.

Note: For estimates expressed as the ratio of x per 100 y or x per 1,000 y , multiply Formula (5) by 100 or 1,000, respectively, to obtain the standard error.

Illustration 6

Suppose there were 11,790,000 males working part-time and 18,250,000 females working part-time. The ratio of males working part-time to females working part-time would be 0.646 or 64.6 percent. Table 9 shows how to use the appropriate parameters from Table 15 and Formulas (2) and (5) with $r = 0$ to estimate the standard errors and confidence intervals.

Table 9. Illustration of Standard Errors of Estimated Ratios

	Males (x)	Females (y)	Ratio
Number who work part-time	11,790,000	18,250,000	0.646
a-parameter (a)	-0.000031	-0.000028	-
b-parameter (b)	2,947	2,788	-
Standard error	174,000	204,000	0.0120
90-percent confidence interval	11,500,000 to 12,080,000	17,910,000 to 18,590,000	0.626 to 0.666

Source: U.S. Census Bureau, Current Population Survey, March 2024.

The standard error is calculated as

$$s_{x/y} = \frac{11,790,000}{18,250,000} \sqrt{\left(\frac{174,000}{11,790,000}\right)^2 + \left(\frac{204,000}{18,250,000}\right)^2} = 0.0120$$

and the 90-percent confidence interval is calculated as $0.646 \pm 1.645 \times 0.0120$.

Illustration 7

The report, *Poverty in the United States: 2023*, shows that the number of families below the poverty level was 7,009,000 and the total number of families was 84,710,000. The ratio of families below the poverty level to the total number of families would be 0.083 or 8.3 percent. Table 10 shows how to use the appropriate parameters from Table 16 and Formulas (2) and (5) with $r = 0$ to estimate the standard errors and confidence intervals.

Table 10. Second Illustration of Standard Errors of Estimated Ratios

	In poverty (x)	Total (y)	Ratio (in percent)
Number of families	7,009,000	84,710,000	8.3
a-parameter (a)	-0.000011	-0.000008	-
b-parameter (b)	2,767	2,587	-
Standard error	137,000	402,000	0.17
90-percent confidence interval	6,784,000 to 7,234,000	84,050,000 to 85,370,000	8.0 to 8.6

Source: U.S. Census Bureau, Current Population Survey, 2024 Annual Social and Economic Supplement.

The standard error is calculated as

$$s_{x/y} = \frac{7,009,000}{84,710,000} \sqrt{\left(\frac{137,000}{7,009,000}\right)^2 + \left(\frac{402,000}{84,710,000}\right)^2} = 0.0017 = 0.17\%$$

and the 90-percent confidence interval of the percentage is calculated as $8.3 \pm 1.645 \times 0.17$.

Standard Errors of Estimated Medians. The sampling variability of an estimated median depends on the form of the distribution and the size of the base. One can approximate the reliability of an estimated median by determining a confidence interval about it. (Refer to the “Standard Errors and Their Use” section for a general discussion of confidence intervals.)

Estimate the 68-percent confidence limits of a median based on sample data using the following procedure:

1. Using Formula (3) and the base of the distribution, calculate the standard error of 50 percent.
2. Add to and subtract from 50 percent the standard error determined in step 1. These two numbers are the percentage limits corresponding to the 68-percent confidence interval about the estimated median.

3. Using the distribution of the characteristic, determine upper and lower limits of the 68-percent confidence interval by calculating values corresponding to the two points established in step 2.

Note: The percentage limits found in step 2 may or may not fall in the same characteristic distribution interval.

Use the following formula to calculate the upper and lower limits:

$$X_p = \frac{pN - N_1}{N_2 - N_1}(A_2 - A_1) + A_1 \quad (6)$$

where

X_p = estimated upper and lower bounds for the confidence interval ($0 \leq p \leq 1$). For purposes of calculating the confidence interval, p takes on the values determined in step 2. Note that X_p estimates the median when $p = 0.50$.

N = for distribution of numbers: the total number of units (people, households, etc.) for the characteristic in the distribution.

= for distribution of percentages: the value 100.

p = the values obtained in Step 2.

A_1, A_2 = the lower and upper bounds, respectively, of the interval containing X_p .

N_1, N_2 = for distribution of numbers: the estimated number of units (people, households, etc.) with values of the characteristic less than or equal to A_1 and A_2 , respectively.

= for distribution of percentages: the estimated percentage of units (people, households, etc.) having values of the characteristic less than or equal to A_1 and A_2 , respectively.

4. Divide the difference between the two points determined in step 3 by 2 to obtain the standard error of the median.

Note: Median incomes and their standard errors calculated as below may differ from those in published tables and reports showing income, since narrower income intervals were used in those calculations.

Illustration 8

The report, *Income in the United States: 2023*, shows that there were 132,200,000 households, and their income was distributed as shown in Table 11.

Table 11. Distribution of Household Income for Illustration 8

Income level	Number of households	Cumulative number of households	Cumulative percent of households
Under \$5,000	4,068,000	4,068,000	3.08%
\$5,000 to \$9,999	1,782,000	5,850,000	4.43%
\$10,000 to \$14,999	3,972,000	9,822,000	7.43%
\$15,000 to \$24,999	8,852,000	18,670,000	14.12%
\$25,000 to \$34,999	9,189,000	27,860,000	21.07%
\$35,000 to \$49,999	13,560,000	41,420,000	31.33%
\$50,000 to \$74,999	20,740,000	62,160,000	47.02%
\$75,000 to \$99,999	16,030,000	78,190,000	59.15%
\$100,000 and over	54,020,000	132,200,000 ^A	100.00% ^A

Source: U.S. Census Bureau, Current Population Survey, 2024 Annual Social and Economic Supplement.

^A May not sum to totals due to rounding.

1. Using Formula (3) with $b = 3,190$ from Table 16, the standard error of 50 percent on a base of 132,200,000 is about 0.25 percent.
2. To obtain a 68-percent confidence interval on an estimated median, add to and subtract from 50 percent the standard error found in step 1. This yields percentage limits of 49.75 and 50.25.
3. The lower and upper limits for the interval in which the percentage limits falls are \$75,000 and \$100,000, respectively.

Then the estimated numbers of households with an income less than or equal to \$75,000 and \$100,000 are 62,160,000 and 78,190,000, respectively.

Using Formula (6), the lower limit for the confidence interval of the median is found to be about (rounded to four significant digits)

$$X_{0.4975} = \frac{0.4975 \times 132,200,000 - 62,160,000}{78,190,000 - 62,160,000} (100,000 - 75,000) + 75,000 = 80,630$$

Similarly, the upper limit is found to be about

$$X_{0.5025} = \frac{0.5025 \times 132,200,000 - 62,160,000}{78,190,000 - 62,160,000} (100,000 - 75,000) + 75,000 = 81,660$$

Thus, a 68-percent confidence interval for the median income for households is from \$80,630 to \$81,660¹⁸.

4. The standard error of the median is, therefore,

$$\frac{81,660 - 80,630}{2} = 515.0$$

Accuracy of State Estimates. The redesign of the CPS following the 1980 census provided an opportunity to increase efficiency and accuracy of state data. All strata are now defined within state boundaries. The sample is allocated among the states to produce state and national estimates with the required accuracy while keeping total sample size to a minimum. Improved accuracy of state data was achieved with about the same sample size as in the 1970 design.

Since the CPS is designed to produce both state and national estimates, the proportion of the total population sampled and the sampling rates differ among the states. In general, the smaller the population of the state the larger the sampling proportion. For example, in Vermont, approximately 1 in every 250 households is sampled each month. In New York, the sample is about 1 in every 2,000 households. Nevertheless, the size of the sample in New York is four times larger than in Vermont because New York has a larger population.

Note: The Census Bureau recommends the use of 3-year averages to compare estimates across states and 2-year averages to evaluate changes in state income and poverty estimates over time. Refer to the “Standard Errors of Data for Combined Years” section. Further, the *Income in the United States* and *Poverty in the United States* reports no longer present state estimates. Therefore, the Census Bureau recommends the American Community Survey (ACS) microdata file as the preferred source for income and poverty state data in years 2006 (2005 estimates) to the present.¹⁹ A questionnaire redesign introduced with the 2014 CPS ASEC and an updated processing system introduced with the 2019 CPS ASEC each mark the start of new time series for health insurance estimates in the CPS ASEC, so data users should not create multiyear averages across these years.

¹⁸ Note that the median and confidence interval here does not match the median and confidence interval given in the report, *Income in the United States: 2023*, because the mean and standard errors/margin of errors were calculated in two different ways. The mean and margin of errors within the tables in the report are calculated using direct estimates, whereas the mean and standard errors within the illustration are calculated using generalized variance estimates.

¹⁹ For additional information on the American Community Survey, please refer to U.S. Census Bureau (2022a).

Standard Errors of State Estimates. The standard error for a state may be obtained by determining new state-level a - and b -parameters and then using these adjusted parameters in the standard error formulas mentioned previously. To determine a new state-level b -parameter (b_{state}), multiply the b -parameter from Table 15 or 16 by the state factor from Table 20. To determine a new state-level a -parameter (a_{state}), use the following:

- (1) If the a -parameter from Table 15 or 16 is positive, multiply it by the state factor from Table 20.
- (2) If the a -parameter in Table 15 or 16 is negative, calculate the new state-level a -parameter as follows:

$$a_{state} = \frac{-b_{state}}{POP_{state}} \quad (7)$$

where POP_{state} is the state population found in Table 20.

Illustration 9

Suppose there were 14,510,000 people living in New York state who were born in the United States. Table 12 shows how to use Formulas (2) and (7) and the appropriate parameter, factor, and population from Tables 16 and 20 to estimate the standard error and confidence interval.

Table 12. Illustration of Standard Errors of State Estimates

Number of people in New York born in the U.S. (x)	14,510,000
b -parameter (b)	2,642
New York state factor	1.19
State population	19,316,535
State b -parameter (b_{state})	3,144
State a -parameter (a_{state})	-0.000163
Standard error	106,000
90-percent confidence interval	14,340,000 to 14,680,000

Source: U.S. Census Bureau, Current Population Survey, 2024 Annual Social and Economic Supplement.

Obtain the state-level b -parameter by multiplying the b -parameter, 2,642 by the state factor, 1.19. This gives $b_{state} = 2,642 \times 1.19 = 3,144$. Obtain the needed state-level a -parameter by

$$a_{state} = \frac{-3,144}{19,316,535} = -0.000163$$

The standard error of the estimate of the number of people in New York state who were born in the United States can then be found by using Formula (2) and the new state-level a - and b - parameters, -0.000163 and 3,144, respectively. The standard error is given by

$$s_x = \sqrt{-0.000163 \times 14,510,000^2 + 3,144 \times 14,510,000}$$

which, rounded to the nearest thousand, is 106,000.

Standard Errors of Regional Estimates. To compute standard errors for regional estimates, follow the steps for computing standard errors for state estimates found in “Standard Errors for State Estimates” using the regional factors and populations found in Table 21.

Illustration 10

The report, *Poverty in the United States: 2023*, shows that there were 16,040,000 of 128,959,760²⁰ people, or 12.4 percent, living in poverty in the South. Table 13 shows how to use Formula (3) and the appropriate parameter, factor, and population from Tables 16 and 21 to estimate the standard error and confidence interval.

Table 13. Illustration of Standard Errors of Regional Estimates

Poverty rate in the South (p)	12.4
Base (y)	128,959,760
b-parameter (b)	5,368
South regional factor	1.13
Regional b-parameter (b_{region})	6,066
Standard error	0.23
90-percent confidence interval	12.0 to 12.8

Source: U.S. Census Bureau, Current Population Survey, 2024 Annual Social and Economic Supplement.

Obtain the region-level b-parameter by multiplying the b-parameter, 5,368, by the South regional factor, 1.13. This gives $b_{region} = 5,368 \times 1.13 = 6,066$.

The standard error of the estimate of the poverty rate for people living in the South can then be found by using Formula (3) and the new region-level b-parameter, 6,066. The standard error is given by

$$s_{y,p} = \sqrt{\frac{6,066}{128,959,760} \times 12.4 \times (100 - 12.4)} = 0.23$$

and the 90-percent confidence interval of the poverty rate for people living in the South is calculated as $12.4 \pm 1.645 \times 0.23$.

Standard Errors of Groups of States. The standard error calculation for a group of states is similar to the standard error calculation for a single state. First, calculate a new state group factor for the group of states. Then, determine new state group a- and b-parameters. Finally, use these adjusted parameters in the standard error formulas mentioned previously.

²⁰ Note that the populations provided in Table 21 are population controls and do not need to be rounded. The population controls will differ from the population estimates provided in the reports.

Use the following formula to determine a new state group factor:

$$state\ group\ factor = \frac{\sum_{i=1}^n POP_i \times state\ factor_i}{\sum_{i=1}^n POP_i} \quad (8)$$

where POP_i and $state\ factor_i$ are the population and factor for state i from Table 20. To obtain a new state group b-parameter ($b_{state\ group}$), multiply the b-parameter from Table 15 or 16 by the state group factor obtained by Formula (8). To determine a new state group a-parameter ($a_{state\ group}$), use the following:

- (1) If the a-parameter from Table 15 or 16 is positive, multiply it by the state group factor determined by Formula (8).
- (2) If the a-parameter in Table 15 or 16 is negative, calculate the new state group a-parameter as follows:

$$a_{state\ group} = \frac{-b_{state\ group}}{\sum_{i=1}^n POP_i} \quad (9)$$

Illustration 11

Suppose the state group factor for the state group Illinois-Indiana-Michigan was required. The appropriate factor would be

$$state\ group\ factor = \frac{12,368,973 \times 1.17 + 6,792,112 \times 1.11 + 9,939,507 \times 1.11}{12,368,973 + 6,792,112 + 9,939,507} = 1.14$$

Standard Errors of Data for Combined Years. Sometimes estimates for multiple years are combined to improve precision. For example, suppose $\bar{x}$ is an average derived from n consecutive years' data, i.e., $\bar{x} = \sum_{i=1}^n \frac{x_i}{n}$, where the x_i are the estimates for the individual years. Use the formulas described previously to estimate the standard error, s_{x_i} , of each year's estimate. Then the standard error of $\bar{x}$ is

$$s_{\bar{x}} = \frac{s_x}{n} \quad (10)$$

where

$$s_x = \sqrt{\sum_{i=1}^n s_{x_i}^2 + 2r \sum_{i=1}^{n-1} s_{x_i} s_{x_{i+1}}} \quad (11)$$

and s_{x_i} are the standard errors of the estimates x_i . Tables 17 and 18 contain the correlation coefficients, r , for the correlation between consecutive years i and $i+1$. Correlation between nonconsecutive years is zero. The correlations were derived for income, poverty, and

health insurance estimates, but they can be used for other types of estimates where the year-to-year correlation between identical households is high.

The Census Bureau recommends the use of 3-year average estimates for certain small population subgroups²¹ (refer also to the “Accuracy of State Estimates” section). Two-year moving averages are recommended for these small population subgroups for comparisons across adjacent years.

Illustration 12

The report, *Poverty in the United States: 2023*, provides the percentages of families in poverty. Suppose the 2021-2023 3-year average percentage of families with female householder, no spouse present, in poverty was 22.6. Suppose the percentages and bases for 2021, 2022, and 2023 were 23.0, 23.0, and 21.8 percent and 15,620,000, 15,040,000, and 15,180,000, respectively. Table 14 shows how to use the appropriate parameters and correlation coefficients from Tables 16 and 18 and Formulas (3), (10), and (11) to estimate the standard errors and confidence intervals.

Table 14. Illustration of Standard Errors of Data for Combined Years

	2021	2022	2023	2021-2023 Average
Percentage of families with female householder, no spouse present, in poverty (p)	23.0	23.0	21.8	22.6
Base (y)	15,620,000	15,040,000	15,180,000	-
b-parameter (b)	5,073 ^A	5,660 ^B	2,767	-
Correlation coefficient (r)	-	-	-	0.35
Standard error	0.76	0.82	0.56	0.51
90-percent confidence interval	21.7 to 24.3	21.7 to 24.3	20.9 to 22.7	21.8 to 23.4

Source: U.S. Census Bureau, Current Population Survey, 2022-2024 Annual Social and Economic Supplement.

^A This value comes from the Source and Accuracy Statement for the 2022 Annual Social and Economic Supplement, Appendix G, Table 16 in U.S. Census Bureau (2022b). For additional information, refer to the “Year-to-Year Factors” section.

^B This value comes from the Source and Accuracy Statement for the 2023 Annual Social and Economic Supplement, Appendix H, Table 16 in U.S. Census Bureau (2023a). For additional information, refer to the “Year-to-Year Factors” section.

The standard error of the 3-year average is calculated as

$$s_{\bar{x}} = \frac{1.52}{3} = 0.51$$

where

$$s_x = \sqrt{0.76^2 + 0.82^2 + 0.56^2 + (2 \times 0.35 \times 0.76 \times 0.82) + (2 \times 0.35 \times 0.82 \times 0.56)} = 1.52$$

²¹ Estimates of characteristics of the Native Hawaiian and Other Pacific Islander (NHOPI) population based on a single-year sample would be unreliable due to the small size of the sample that can be drawn from either population. Accordingly, such estimates are based on multiyear averages.

The 90-percent confidence interval for the 3-year average percentage of families with a female householder, no spouse present, in poverty is $22.6 \pm 1.645 \times 0.51$.

Standard Errors of Quarterly or Yearly Averages. For information on calculating standard errors for labor force data from the CPS which involve quarterly or yearly averages, please refer to Bureau of Labor Statistics (2006).

Year-to-Year Factors. In past years, the Census Bureau published a table of year factors for the CPS ASEC Supplement in the Source and Accuracy Statement. User demand for these factors has diminished with the introduction of replicate weights. Data users producing estimates from prior years should consult the Source and Accuracy Statements covering the years of their analysis to estimate standard errors.

Technical Assistance. If you require assistance or additional information, please contact the Demographic Statistical Methods Division via e-mail at dsmd.source.and.accuracy@census.gov.

**Table 15. Parameters for Computation of Standard Errors for Labor Force Characteristics:
March 2024**

Characteristic	<i>a</i>	<i>b</i>
Total or White		
<i>Civilian labor force, employed</i>	-0.000013	2,481
<i>Not in labor force</i>	-0.000013	2,432
<i>Unemployed</i>	-0.000017	3,244
<i>Civilian labor force, employed, not in labor force, and unemployed</i>		
Men	-0.000031	2,947
Women	-0.000028	2,788
Both sexes, 16 to 19 years	-0.000261	3,244
Black		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>	-0.000117	3,601
Men	-0.000249	3,465
Women	-0.000190	3,191
Both sexes, 16 to 19 years	-0.001425	3,601
Asian, American Indian and Alaska Native (AIAN), Native Hawaiian and Other Pacific Islander (NHOPI)		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>	-0.000245	3,311
Men	-0.000537	3,397
Women	-0.000399	2,874
Both sexes, 16 to 19 years	-0.004078	3,311
Hispanic, may be of any race		
<i>Civilian labor force, employed, not in labor force, and unemployed</i>	-0.000087	3,316
Men	-0.000172	3,276
Women	-0.000158	3,001
Both sexes, 16 to 19 years	-0.000909	3,316

Source: U.S. Census Bureau, Internal Current Population Survey data files for the 2010 Design.

Notes: These parameters are to be applied to basic CPS monthly labor force estimates. The Total or White, Black, and Asian, AIAN, NHOPI parameters are to be used for both alone and in combination race group estimates. For the groups self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all employment characteristics.

Table 16. Parameters for Computation of Standard Errors for People and Families: 2024 Annual Social and Economic Supplement

Characteristics	Total		White		Black		Asian, AIAN, NHOPI ^A		Hispanic ^B	
	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>	<i>a</i>	<i>b</i>
PEOPLE										
Educational Attainment	-0.000011	3,777	-0.000014	4,081	-0.000045	3,665	-0.000089	3,341	-0.000051	3,331
Employment	-0.000013	2,481	-0.000013	2,481	-0.000117	3,601	-0.000245	3,311	-0.000087	3,316
People by family income	-0.000020	6,581	-0.000021	6,096	-0.000083	6,856	-0.000145	5,432	-0.000092	6,018
Income characteristics										
Total	-0.000010	3,344	-0.000012	3,428	-0.000043	3,568	-0.000078	2,933	-0.000041	2,678
Male	-0.000021	3,362	-0.000025	3,515	-0.000090	3,528	-0.000155	2,829	-0.000084	2,755
Female	-0.000019	3,155	-0.000023	3,302	-0.000080	3,434	-0.000144	2,764	-0.000072	2,333
Age										
15 to 24	-0.000082	3,588	-0.000103	3,847	-0.000287	3,569	-0.000473	2,866	-0.000162	2,643
25 to 44	-0.000038	3,365	-0.000045	3,402	-0.000178	4,245	-0.000266	2,926	-0.000141	2,680
45 to 64	-0.000040	3,283	-0.000049	3,490	-0.000171	3,146	-0.000364	2,884	-0.000192	2,684
65 and over	-0.000054	3,176	-0.000064	3,380	-0.000244	2,522	-0.000593	2,606	-0.000385	2,215
Health insurance	-0.000015	4,825	-0.000018	5,092	-0.000043	3,578	-0.000114	4,260	-0.000064	4,216
Marital status, household and family										
Some household members	-0.000008	2,642	-0.000010	2,993	-0.000052	4,274	-0.000071	2,659	-0.000038	2,492
All household members	-0.000012	3,903	-0.000014	4,054	-0.000046	3,778	-0.000096	3,598	-0.000056	3,673
Mobility (movers)										
Educational attainment, labor force, marital status, household, family, and income	-0.000023	7,468	-0.000022	6,268	-0.000099	8,151	-0.000174	6,518	-0.000120	7,875
US, county, state, region, or metropolitan statistical areas	-0.000024	7,834	-0.000024	7,006	-0.000089	7,296	-0.000169	6,337	-0.000120	7,823
Below poverty										
Total	-0.000016	5,368	-0.000016	4,685	-0.000071	5,813	-0.000130	4,875	-0.000077	5,022
Male	-0.000030	4,861	-0.000031	4,435	-0.000128	5,034	-0.000221	4,024	-0.000147	4,827
Female	-0.000029	4,892	-0.000029	4,162	-0.000130	5,572	-0.000249	4,780	-0.000129	4,204
Age										
Under 15	-0.000115	6,877	-0.000110	5,543	-0.000439	8,107	-0.000658	6,036	-0.000403	6,780
Under 18	-0.000072	5,813	-0.000068	4,644	-0.000283	6,786	-0.000498	5,686	-0.000284	6,067
15 and over	-0.000020	5,385	-0.000021	4,994	-0.000076	4,931	-0.000171	5,017	-0.000083	4,561
15 to 24	-0.000106	4,652	-0.000114	4,287	-0.000353	4,392	-0.000793	4,807	-0.000248	4,053
25 to 44	-0.000042	3,739	-0.000047	3,572	-0.000176	4,189	-0.000291	3,199	-0.000174	3,313
45 to 64	-0.000048	3,877	-0.000061	4,325	-0.000187	3,440	-0.000443	3,512	-0.000235	3,288
65 and over	-0.000062	3,687	-0.000086	4,585	-0.000265	2,740	-0.000702	3,085	-0.000496	2,853
Unemployment	-0.000017	3,244	-0.000017	3,244	-0.000117	3,601	-0.000245	3,311	-0.000087	3,316
FAMILIES, HOUSEHOLDS, OR UNRELATED INDIVIDUALS										
Income	-0.000015	3,190	-0.000027	3,445	-0.000097	3,222	-0.000133	2,615	-0.000053	2,499
Marital status, household and family, educational attainment, population by age/sex	-0.000008	2,587	-0.000013	2,329	-0.000046	2,454	-0.000047	1,809	-0.000020	1,937
Poverty	-0.000011	2,767	-0.000019	2,781	-0.000069	2,830	-0.000094	2,305	-0.000031	2,093

Source: U.S. Census Bureau, Current Population Survey, External data from the 2024 Annual Social and Economic Supplement.

^A AIAN is American Indian and Alaska Native, and NHOPI is Native Hawaiian and Other Pacific Islander.

^B Hispanics may be any race.

Notes: These parameters are to be applied to the 2024 Annual Social and Economic Supplement data. The White, Black, and Asian, AIAN, NHOPI parameters are calculated using the non-hispanic population, but are to be used for both alone and in combination race group estimates. For the group self-classified as having two or more races, use the Asian, AIAN, NHOPI parameters for all characteristics except employment, unemployment, and educational

attainment, in which case use Black parameters. For a more detailed discussion on the use of parameters for race and ethnicity, please refer to the “Generalized Variance Parameters” section.

Table 17. Current Population Survey Year-to-Year Correlation Coefficients for Income and Health Insurance Characteristics: Data Years 1960 to 2023

Characteristics	1960-2000 (basic) or 2000 (expanded)-2023		1999 (basic)- 2000 (expanded)	
	People	Families	People	Families
Total	0.30	0.35	0.19	0.22
White	0.30	0.35	0.20	0.23
Black	0.30	0.35	0.15	0.18
Other	0.30	0.35	0.15	0.17
Hispanic ^A	0.45	0.55	0.36	0.28

Source: U.S. Census Bureau, Current Population Survey, Internal data files.

^A Hispanics may be any race.

Notes: Correlation coefficients are not available for income data before 1960. These correlation coefficients are for comparisons of consecutive years. For comparisons of nonconsecutive years, assume the correlation is zero. For households and unrelated individuals, use the correlation coefficient for families. For a more detailed discussion on the use of parameters for race and ethnicity, please refer to the “Generalized Variance Parameters” section.

Table 18. Current Population Survey Year-to-Year Correlation Coefficients for Poverty Characteristics: Data Years 1970 to 2023

Characteristics	1972-83, 1984-2000 (basic) or 2000 (expanded)-2023		1999 (basic)-2000 (expanded)		1983-1984		1971-1972		1970-1971	
	People	Families	People	Families	People	Families	People	Families	People	Families
Total	0.45	0.35	0.29	0.22	0.39	0.30	0.15	0.14	0.31	0.28
White	0.35	0.30	0.23	0.20	0.30	0.26	0.14	0.13	0.28	0.25
Black	0.45	0.35	0.23	0.18	0.39	0.30	0.17	0.16	0.35	0.32
Other	0.45	0.35	0.22	0.17	0.30	0.30	0.17	0.16	0.35	0.32
Hispanic ^A	0.65	0.55	0.52	0.40	0.56	0.47	0.17	0.16	0.35	0.32

Source: U.S. Census Bureau, Current Population Survey, Internal data files.

^A Hispanics may be any race.

Notes: Correlation coefficients are not available for poverty data before 1970. These correlation coefficients are for comparisons of consecutive years. For comparisons of nonconsecutive years, assume the correlation is zero. For households and unrelated individuals, use the correlation coefficient for families. For a more detailed discussion on the use of parameters for race and ethnicity, please refer to the “Generalized Variance Parameters” section.

Table 19. Current Population Survey Correlation Coefficients Between Race and Subgroups: 2024 Annual Social and Economic Supplement

Race 1 (subgroup)	Race 2	<i>r</i>
White alone, not Hispanic	White alone	0.82
White alone, not Hispanic	White alone or in combination, not Hispanic	0.98
Black alone.....	Black alone or in combination.....	0.95
Asian alone.....	Asian alone or in combination.....	0.92

Source: U.S. Census Bureau, Current Population Survey, Internal data files.

Notes: For a more detailed discussion on the use of parameters for race and ethnicity, please refer to the “Generalized Variance Parameters” section.

Table 20. Factors and Populations for State Standard Errors and Parameters: 2024 Annual Social and Economic Supplement

State	Factor	Population	State	Factor	Population
Alabama	1.11	5,051,530	Montana	0.21	1,123,479
Alaska	0.18	704,341	Nebraska	0.52	1,958,099
Arizona	1.25	7,376,639	Nevada	0.77	3,170,057
Arkansas	0.73	3,030,127	New Hampshire	0.33	1,389,319
California	1.28	38,483,741	New Jersey	1.15	9,228,962
Colorado	1.22	5,813,968	New Mexico	0.51	2,080,435
Connecticut	0.86	3,584,153	New York	1.19	19,316,535
Delaware	0.22	1,027,605	North Carolina	1.18	10,727,187
District of Columbia	0.17	675,375	North Dakota	0.17	770,097
Florida	1.14	22,551,398	Ohio	1.10	11,641,369
Georgia	1.15	10,915,712	Oklahoma	1.06	3,995,675
Hawaii	0.32	1,383,204	Oregon	1.07	4,191,810
Idaho	0.41	1,957,312	Pennsylvania	1.11	12,781,261
Illinois	1.17	12,368,973	Rhode Island	0.28	1,082,819
Indiana	1.11	6,792,112	South Carolina	1.07	5,344,538
Iowa	0.77	3,169,821	South Dakota	0.22	906,902
Kansas	0.82	2,883,377	Tennessee	1.10	7,085,668
Kentucky	1.13	4,452,141	Texas	1.32	30,365,478
Louisiana	1.01	4,474,104	Utah	0.53	3,417,702
Maine	0.39	1,383,836	Vermont	0.18	642,663
Maryland	1.15	6,103,837	Virginia	1.19	8,546,597
Massachusetts	1.10	6,953,070	Washington	1.18	7,733,730
Michigan	1.11	9,939,507	West Virginia	0.48	1,736,719
Minnesota	1.13	5,692,661	Wisconsin	1.13	5,868,245
Mississippi	0.69	2,876,069	Wyoming	0.16	576,509
Missouri	1.13	6,116,818			

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2024.

Notes: The state population counts in this table are for the 0+ population.

Table 21. Factors and Populations for Regional Standard Errors and Parameters: 2024 Annual Social and Economic Supplement

Region	Factor	Population
Midwest	1.06	68,107,981
Northeast	1.07	56,362,618
South	1.13	128,959,760
West	1.12	78,012,927

Source: U.S. Census Bureau, Current Population Survey, Internal data files for the 2010 Design; U.S. Census Bureau, Population Estimates, March 2024.

Notes: The region population counts in this table are for the 0+ population.

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All online references accessed August 21, 2024.

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Countries and Areas of the World

Numerical List of Countries and Areas of the World

Code	Name	Code	Name
057	United States	154	Serbia
060	American Samoa	155	Estonia
066	Guam	156	Latvia
069	Northern Marianas	157	Lithuania
073	Puerto Rico	158	Armenia
078	U.S. Virgin Islands	159	Azerbaijan
100	Albania	160	Belarus
102	Austria	161	Georgia
103	Belgium	162	Moldova
104	Bulgaria	163	Russia
105	Czechoslovakia	164	Ukraine
106	Denmark	165	USSR
108	Finland	166	Europe, not specified
109	France	168	Montenegro
110	Germany	200	Afghanistan
116	Greece	202	Bangladesh
117	Hungary	203	Bhutan
118	Iceland	205	Myanmar (Burma)
119	Ireland	206	Cambodia
120	Italy	207	China
126	Netherlands	209	Hong Kong
127	Norway	210	India
128	Poland	211	Indonesia
129	Portugal	212	Iran
130	Azores	213	Iraq
132	Romania	214	Israel
134	Spain	215	Japan
136	Sweden	216	Jordan
137	Switzerland	217	Korea
138	United Kingdom	218	Kazakhstan
139	England	220	South Korea
140	Scotland	222	Kuwait
142	Northern Ireland	223	Laos
147	Yugoslavia	224	Lebanon
148	Czech Republic	226	Malaysia
149	Slovakia	228	Mongolia
150	Bosnia & Herzegovina	229	Nepal
151	Croatia	231	Pakistan
152	Macedonia	233	Philippines

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235	Saudi Arabia	370	Peru
236	Singapore	372	Uruguay
238	Sri Lanka	373	Venezuela
239	Syria	374	South America, not specified
240	Taiwan	399	Americas, not specified
242	Thailand	400	Algeria
243	Turkey	407	Cameroon
245	United Arab Emirates	408	Cape Verde
246	Uzbekistan	412	Congo
247	Vietnam	414	Egypt
248	Yemen	416	Ethiopia
249	Asia, not specified	417	Eritrea
300	Bermuda	421	Ghana
301	Canada	423	Guinea
303	Mexico	425	Ivory Coast
310	Belize	427	Kenya
311	Costa Rica	429	Liberia
312	El Salvador	430	Libya
313	Guatemala	436	Morocco
314	Honduras	440	Nigeria
315	Nicaragua	444	Senegal
316	Panama	447	Sierra Leone
321	Antigua and Barbuda	448	Somalia
323	Bahamas	449	South Africa
324	Barbados	451	Sudan
327	Cuba	453	Tanzania
328	Dominica	454	Togo
329	Dominican Republic	457	Uganda
330	Grenada	459	Zaire
332	Haiti	460	Zambia
333	Jamaica	461	Zimbabwe
338	St. Kitts--Nevis	462	Africa, not specified
339	St. Lucia	501	Australia
340	St. Vincent and the Grenadines	508	Fiji
341	Trinidad and Tobago	511	Marshall Islands
343	West Indies, not specified	512	Micronesia
360	Argentina	515	New Zealand
361	Bolivia	523	Tonga
362	Brazil	527	Samoa
363	Chile	555	Elsewhere
364	Columbia		
365	Ecuador		
368	Guyana		
369	Paraguay		

APPENDIX J

HISTORICAL FILE INFORMATION

Initial releases

A public use edition of the Current Population Survey, ASEC file, formerly known as the March file were originally available for 1976, 1978, and 1979. For 1980, 1984, and 1988 two files were available for each year. The first 1980 file contains estimates based on 1970 population counts and should be used for historical comparisons ending in 1980. The reweighted 1980 file contains estimates based on results of the 1980 census and should be used for comparisons between 1981 and 1984.

1980s

In 1984, the Bureau of the Census introduced a step into the second stage weighting procedure to control individual weights to independent estimates of the Hispanic population. Since this introduction caused a major disruption in the Hispanic estimates, two data files were created. The first file, without the Hispanic controls should be used for comparing estimates for years prior to 1984 and the second file should be used for comparison with 1985 and later files.

From March 1989 forward, March data are processed using the rewrite system. The rewrite system includes revised procedures to match supplement records to basic CPS records; revised weighting procedures; revised demographic and family edits; revised imputation procedures; and more income detail on the file.

For March 1988, there are two files: the regular Annual Demographic File and the Annual Demographic Rewrite File. The rewrite file has been prepared to allow historical comparison of data from the rewrite processing system implemented between 1988 and 1989. It is recommended that the rewrite file be used when comparing data collected from the March Annual Demographic Supplement from 1988 forward. Use the regular file, released in 1988, when comparing data from 1988 and prior years.

This is not to say, however, that comparisons cannot be made between years before and after 1988. When such analyses are done, for example between 1986 through 1989, data users must consider that similarities or differences between the data may be caused or effected by the rewritten system. Thus, comparing estimates

from the 1988 rewrite files and the 1988 regular file will reveal the extent of any differences caused by the processing system changes though not the specific change. The magnitude of the difference can then be applied to the estimates from 1986 and 1989 to reveal whether any real differences exist. There were several revisions made to the processing programs; therefore, it is difficult to determine which specific revision effected the differences or similarities in the data.

Some non-March data also are available from 1994 to present. For information about the Current Population Survey and Supplement Surveys, be sure to visit our online CPS home page at <https://www.census.gov/programs-surveys/cps.html> where you can search our knowledge base and submit questions.

2010s

In 2014, the Current Population Survey Annual Social and Economic Supplement (CPS ASEC) included redesigned questions for income and health insurance coverage, followed by changes being phased in beginning in 2015 to allow spouses and unmarried partners to specifically identify as opposite- or same-sex. While data from the updated collection methods were released on schedule, data processing changes to take advantage of the new content were available starting with the 2019 file.

In 2019, a redesigned processing system for the ASEC supplement was implemented. This new processing system had updates concerning three topics, same-sex/opposite-sex families, income & poverty, and health insurance.

First, the relationship to householder measure (PERRP) divides spouse and unmarried categories into opposite-sex and same-sex groups (i.e., opposite-sex spouse/husband/wife, same-sex spouse/husband/wife, opposite-sex unmarried partner, and same-sex unmarried partner). Second, the parent identification variables have changed from respondents identifying a mother and father in the household (PELNMOM, PELNDAD) to identifying a

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parent and another parent (PEPAR1, PEPAR2). This allows easy reporting of children living with two mothers or two fathers.

For income and poverty, the updated processing system includes edits to take full advantage of the redesigned questionnaire. For example, several variables were added for defined-benefit pension income and defined-contribution withdrawals (such as from 401(k) plans) to replace the previous variables on retirement income. The imputation system was updated to make use of income ranges provided by some non-respondents as well as to increase the number of characteristics used in the imputation models.

The updated processing system includes a number of changes to CPS ASEC health insurance data that better integrate detailed

information from the 2014 questionnaire redesign. For example, the processing system introduces a new method of estimating coverage that builds from subannual estimates to determine whether a person was covered at any point in the previous calendar year. It also refines the methods by which missing and incomplete data are imputed and in which inconsistent information is handled. Finally, the file also includes additional information about types of coverage held at the time of survey and details about Marketplace coverage that were not previously available.

A more detailed explanation of these processing changes can be found in the blog “RESEARCH MATTERS: CPS ASEC Redesign and Processing Changes” at <https://www.census.gov/newsroom/blogs/research-matters/2019/09/cps-asec.html>.

APPENDIX K

User Notes

This section will contain information relevant to the 2024 ASEC file that becomes available after the file is released.

PLACEHOLDER